



HIDDEN DANGERS



How governments, telecom
and electric power utilities

suppress the truth
about the known hazards
of electro-magnetic field
(EMF) radiation

By Captain Jerry G. Flynn
Retired Electronic Warfare Specialist

HIDDEN DANGERS 5G

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This book is dedicated to two women:

In 2008, my daughter phoned me out of concern for herself, her husband and their three children, asking if I knew anything about wireless “smart meters.” I learned later that a smart meter contains two microwave radio transmitters, both of which emit hazardous pulsed, non-thermal radio frequency (which includes microwaves) radiation more or less continuously throughout the day - every day, in perpetuity! That phone call changed my life forever - causing me to become a committed activist against what scientists say is the “largest, unauthorized technological experiment ever undertaken on an unsuspecting, trusting and defenseless public - without either their knowledge or consent.” Radio/microwave frequency radiation should NEVER be used by, on, and/or around people. It is harmful to all living things!

In 2017, my darling wife literally saved my life when I was stricken suddenly by a particularly virulent form of Non-Hodgkin’s Lymphoma, which consumed my whole body. While I was very fortunate to have an excellent medical team (who saw to it that I received what proved to be the right chemotherapy in a timely fashion), it was my wife’s quiet determination, tireless patience and loving

attention that eventually pulled me through - but not before I'd lost almost 50 of what had been my normal 175 lbs!

JG Flynn

Contents

[Chapter 1: Introduction](#)

[Chapter 2: What you Need to Know Before Reading this Book](#)

[Chapter 3: Abbreviations and Glossary of Terms](#)

[Chapter 4: Planet Earth and Technology](#)

[Chapter 5: Humans and 50 Hz/60 Hz Electricity](#)

[Chapter 6: Non-Thermal Radiation](#)

[Chapter 7: Radio-Frequency Spectrum](#)

[Chapter 8: The Complicit News Media](#)

[Chapter 9: U.S. Military-industrial complex \(MIC\)](#)

[Chapter 10: Non-Thermal Effects of Pulsed RF EMR and Safety Code 6](#)

[Chapter 11: Cell phones](#)

[Chapter 12: Cell Phone Towers](#)

[Chapter 13: Wi-Fi](#)

[Chapter 14: Smart meters](#)

[Chapter 15: Power Line 50/60 Hz Electric and Magnetic Fields \(EMFs\)](#)

[Chapter 16: “Dirty” Electricity](#)

[Chapter 17: Electro-hypersensitivity](#)

[Chapter 18: National Security](#)

[Chapter 19: What Can We Do?](#)

[Chapter 20: Conclusion](#)

[Author Biography](#)

Chapter 1: Introduction



Man-made Technology

a) Power line frequency (50 Hz/60 Hz) electromagnetic field (EMF) radiation

“At the turn of the century, if you lived in New York City or most of the other cities in the country, your average life expectancy was in the low-50s. If you were Amish and didn’t use electricity or if you lived in rural Mississippi or rural New York State, your longevity was in the 70s.”

<https://stillnessinthestorm.com/2017/05/dirty-electricity-stealth-trigger-of-disease-epidemics-and-lowered-life-expectancy/>

b) Radio Frequency (RF) EMF radiation

Sixty years ago:

- few people had heard of autism, ADHD, leukemia, brain tumors and many other cancers, Alzheimer’s, dementia, Parkinson’s, ALS, asthma, depression, suicides, miscarriages, sterility, memory problems, etc., but today these are common in most communities!
- the incidence of autism in children was said to be about 1 in 10,000, but the U.S. Center for Disease Control’s 2016 survey showed that it is now a shockingly terrifying 1 in 36 - and 1 in 28 for boys!
- It was almost unheard of for a child to die from cancer, now cancer is the most common cause of death from disease in children!
- “Special needs” teachers in schools were unheard of; whereas today they are commonplace!

The culprit?

Scientists and health care experts say that the major contributor is the invisible, silent, odorless and tasteless ‘electrosmog’ comprised of man-made non-thermal EMFs produced by anything in which 50 / 60 Hz electricity is flowing, and by all of today’s extremely profitable – but never independently tested for safety to human health - wireless radio products, devices and gadgets, all of which produce hazardous pulsed non-thermal RF EMF radiation (also called, simply, EMFs). Yet no government seems to be aware of or concerned about this?

Shouldn't this warrant an immediate national – if not global – criminal investigation?

Chapter 2: What you Need to Know Before Reading this Book



Step One – Readers need to know and understand that:

- Humans, like all living things, are bioelectric beings. E.g., doctors send patients for an electroencephalogram (EEG), which measures the electrical activity of the brain, or for an electrocardiogram (ECG), which records the electrical signals in the heart. Each and every organ and system of the body works on electricity.
- Human electrical systems are many thousands of times weaker than those produced by electric power utilities or wireless and telecom companies.
- ANYTHING in which electricity is flowing creates/produces electric and magnetic fields (EMF), which are known to be harmful to humans and all living things.
- The above is called extremely low (or “power line” 60Hz) frequency-electromagnetic field, or more correctly, ELF-EMF.
- There are two forms of radio frequency (RF) electromagnetic radiation (EMR), which is correctly called RF EMR: 1) thermal (that which heats the skin, and the body can sense); and, 2) non-thermal (that which does not heat the skin, and the body cannot sense or detect).
- Today’s wireless RF products, (e.g., cell phones, cordless phones, cell phone towers, baby monitors, Wi-Fi routers, Bluetooth devices, Smart meters, tablet and laptop computers, desktop computers, wireless keyboards and mice, TV games, remote control units, home security systems, garage door openers, GPS and other satellites, etc.) all emit what is called pulsed, non-thermal RF EMR.
- Scientists say that “pulsed” EMR is even more harmful to humans than that which is not pulsed.

Step Two – Readers also need to understand the U.S. Military’s history of corruption and greed:

- The U.S. Military is and always has been paranoid about remaining the world's only superpower, and depends heavily on "Industry" (i.e., electric/communications/electronics) to ensure that it always has state-of-the-art technology in its weapons and communications systems. Since 1953, its stance has been that there are thermal effects ONLY to microwave radiation, i.e., RF EMR. Since 1966, western militaries, namely those of the U.S., U.K., Canada, Australia and New Zealand, have recognized ONLY the thermal effects, implying that there are no non-thermal effects – which is incorrect.
- In return, Industry is given a green light to freely exploit the full potential of extremely lucrative wireless RF products, all of which emit hazardous "pulsed" non-thermal RF EMR.

Step Three – Readers need to understand electro-hypersensitivity or EHS:

- First discovered by German scientists in 1932, it was then called "Microwave Sickness."
- It is conservatively estimated that 3%-5% of the world's population is moderately EHS and <1% is severely affected.
- Many countries recognize it – but not the U.S. nor Canada.
- In about 2002, the world's first dignitary to admit that she suffers from EHS was Dr. Gro Harlem Brundtland, MD, MPH (Harvard University), who, at the time, was the Director General of the World Health Organization (WHO) and a former three-time Prime Minister of Norway.

Step Four – Readers looking for specific adverse health effects need to view Chapters 11 through 17:

- While scientists say that both electric and magnetic fields are harmful to humans and all forms of life, magnetic fields are thought to be the more dangerous – regardless of frequency. Therefore, readers seeking information about specific illnesses or diseases caused by EMFs/EMR must view the chapters dealing with: U.S. Military-industrial Complex, EMR and Safety Code 6, Cell Phones, Cell Phone Towers, Wi-Fi, Power line EMFs, and Smart meters, as all man-made frequencies are to be avoided.

Links and references:

The many referenced “timeline” events presented in this book have url addresses included so that the reader may further explore the specific topic or event.

These timeline events/topics have been collected and gathered over many years, and consequently, some of the original links may have moved or no longer be functional. I have endeavored to check them and make sure that they are still working, but some may not get you to the desired link by the time you are reading this book.

Chapter 3: Abbreviations and Glossary of Terms



AAEM	American Academy of Environmental Medicine
AC/DC	Alternating current/direct current
ASD	Autism spectrum disorders
BBB	Blood-brain barrier
CDC	U.S. Centers for Disease Control and Prevention
CDMA	Code-division multiple access
CIA	U.S. Central Intelligence Agency
CTIA	Cellular Telecommunications Industry Association / Cellular Telecommunications and Internet Association / now known as CTIA - The Wireless Association
CWTA	Canadian Wireless Telecommunications Association (Canada's equivalent to the CTIA, whose job it is to lobby all governments on behalf of the wireless industry)
DIA	U.S. Defense Intelligence Agency
DOD	U.S. Department of Defence
ECG	Electrocardiogram (also known as EKG)
EEG	Electroencephalogram
EHC	Environmental Health Criteria
EHS	Electro-hypersensitivity (also known as microwave sickness)
ELF-EMF	Extremely low frequency electric magnetic fields (also known as "Power line Frequency" [50 Hz/60 Hz] EMFs)
EMF	electromagnetic field
EMR	Electromagnetic radiation
EPA	U.S. Environmental Protection Agency
EW	Electronic warfare
FCC	U.S. Federal Communications Commission
FDA	U.S. Food and Drug Administration
Five Eyes Alliance	The Western intelligence gathering community whose members are: the U.S., the UK, Canada, Australia and New Zealand.
5G	Fifth generation technology (2G, 3G, 4G are second, third and fourth generation)
GCC	Government-corporate complex
	Global system for mobile communications

GSM	Global system for mobile communications
HFTs	High frequency transients , also known as Dirty Electricity
HV	High voltage
IARC	International Agency for Research on Cancer (is an intergovernmental agency and part of the World Health Organization)
ICEMS	International Commission for Electromagnetic Safety is made up of scientists, medical doctors and engineers from around the world
ICES	International Committee on Electromagnetic Safety (an extremely powerful and influential committee within IEEE which is the largest professional technical association in the world. ICES determines for the U.S. military, for all Five-Eyes countries and for the U.S.A. 'safe' Exposure Limits for both Power line frequencies and radio / microwave frequencies. ICES is quietly but heavily influenced by the U.S. Military
ICNIRP	International Commission on Non-Ionizing Radiation Protection
IEEE	Institute of Electrical and Electronic Engineers
IoT	Internet of Things
LAN	Local area network
MD	Doctor of Medicine
MIC	Military-industrial complex
MPH	Master of Public Health
mV	millivolts
NTP	U.S. National Toxicology Program
Power line frequency	50-60 Hz (see also ELF-EMF)
RF EMR	Radio frequency electromagnetic radiation
RFID	Radio-frequency identification devices that use electromagnetic fields to store information and automatically identify and track tags attached to objects
RF/MW	Radio frequency/microwave
SAR	Specific absorption rate
TCA	Telecommunications Act
Thermal effects only	That which heats the skin and which the body can sense
WHO	World Health Organization
WWAN	Wireless wide area network

Chapter 4: Planet Earth and Technology



Planet Earth

- The natural and constant frequency of planet Earth, pulsating exactly at 7.83 Hz for thousands of years, is called the Schumann Resonance.
- Humans all have a resonant frequency of 7.83 Hz.
- Birds and fish navigate by the earth's magnetic field.

www.nationalgeographic.org/media/how-do-birds-navigate/

Humans and all Living Things are Bio-electrical Beings

- Thanks to the genius of Mother Nature, a person's electrical system is exquisitely delicate and extremely minute/weak compared to man-made electrical technologies.
- Our brain functions on frequencies between 0 Hz to 100 Hz which is why doctors send patients to have an EEG.

<https://mentalhealthdaily.com/2014/03/12/gamma-brain-waves-40-hz-to-100-hz/>

- Our heart functions on 2 Hz – the electrical activity of which is measured by an ECG.
- Our heart is a source of electromagnetism that, even at a few meters away, is detectable by modern scientific instruments.
- Our nervous system can create electric energy waves that can be measured with scientific instruments.
- Our body produces infrared radiation that, with night vision equipment, can be seen from miles away.
- Nerve impulses are waves of electrical impulses.
- Each of us has our own electric and magnetic fields, which become evident when we come near or place our hand on a portable radio tuned to a weak or fading radio station – the station can suddenly become much louder.

www.spiritualgarden.net/info/human+electricity.html

<https://answersingenesis.org/evidence-for-creation/design-in-nature/electrical-design-in-the-human-body/>

<https://incompliancemag.com/article/static-electricity-and-people/>

Electricity in the Human Body

- Brain wave changes have been noted from radio and microwaves as weak as a billionth of a microwatt.

Dr. Robert O. Becker's "The Body Electric" p. 313

- 2014 – a human brain generates magnetic fields (such as can be seen in electrocard ECGs due to electrical currents in the heart, of approx. 0.0000001 G. For perspective, a typical refrigerator magnet has a magnetic field of 50 G.

Martin Blank's "Overpowered" p. 23

- Every cell in the body is designed to run between 20 and 25 millivolts (mV) when it is in a healthy state. If a cell becomes injured or is in a state of repair, the body will boost the millivoltage up to 50 mV, which is required to increase circulation, bringing in new proteins and removing the waste.

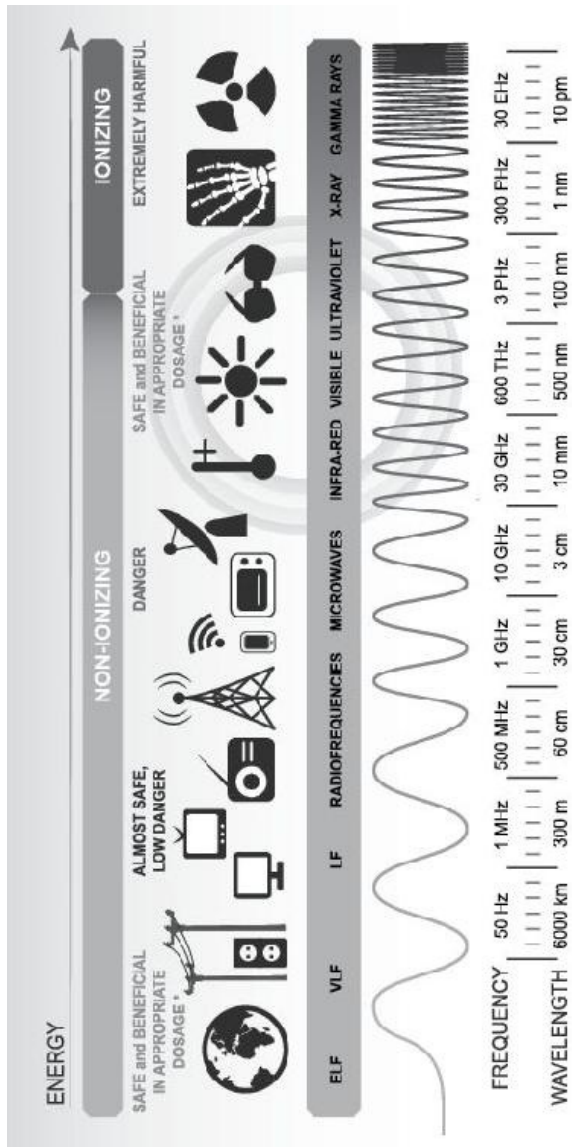
<http://drsircus.com/general/human-voltage/>

Evolution of Technology Impacting on Humans

- by the 20th century – both direct current (DC) and alternating current (AC) had been discovered.
- mid-1950s – high voltage direct current (HVDC) transmission was developed, and is now an option instead of long-distance high voltage alternating current (HVAC) systems.
- 1920s – AM radio.
- 1930's – electricity in urban homes in the U.S. Radar – "Microwave Sickness" was first reported in 1932 in Germany, yet all five western alliance countries, including Canada, still deny that there is such a thing.
- 1950s – FM radio and TV.
- 1960s – satellite navigation, TV and imagery.
- 1970s – computers.

- 1980s – first generation (1G) mobile phones (analogue).
- 1991 – second generation (2G) cell phone (digital).
- 1998 – third generation (3G) cell phone (digital).
- 2000s- wireless technologies and compact fluorescent lighting.
- 2008 – fourth generation (4G) cell phones (digital).
- 2019 – fifth generation (5G) and the Internet of Things (IofT) – Industry is currently trying to push this new, untested and unproven for safety to humans millimeter (mm) wave frequency technology on all countries – both terrestrially and from tens of thousands of orbiting satellites. Scientists internationally have called on all governments to ban 5G technology.

The Electro-Magnetic Spectrum



Chapter 5: Humans and 50 Hz/60 Hz Electricity



The Human Heart

Doctors send patients to have an ECG or EKG (electrocardiogram), which is a test that checks how a person's heart is functioning by measuring the electrical activity of the heart. With each heartbeat, an electrical impulse (or wave) travels through your heart. This wave causes the muscle to squeeze and pump blood from the heart.

The Human Brain

The brain is an electrical organ composed of billions of neurons which emit electricity in order to communicate with one another. The sum of this electrical potential is emitted in patterns which cycle at varying rates, commonly referred to as "brain waves."

www.wakingtimes.com/2014/05/15/hacking-consciousness-brain-waves-frequency-entrainment/

- Doctors send patients to have an EEG (electroencephalogram), which is a test that detects electrical activity in a person's brain. Brain cells communicate via electrical impulses and are constantly active, even when we are asleep.
- There are five types of brain wave frequencies, which range from 100 Hz (highest) to 0 Hz (lowest): Gamma (40 Hz to 100 Hz), Beta (12 Hz to 40 Hz), Alpha (8 Hz to 12 Hz), Theta (4 Hz to 8 Hz), Delta (0 Hz to 4 Hz).

<https://mentalhealthdaily.com/2014/04/15/5-types-of-brain-waves-frequencies-gamma-beta-alpha-theta-delta/>

Electricity (50 Hz/60 Hz) – Explained

- While electricity is indispensable in any modern society, it can also be very deadly to an uninformed, unsuspecting public.
- When electric current flows through a wire, two invisible fields are created around it: an electric field and a magnetic field, both of which are

non-thermal (meaning that the body cannot detect or sense either field). These are the two components of the electromagnetic field (EMF).

<https://emwatch.com/power-line-emf/>

- While scientists say that both fields can be hazardous to humans, they say that magnetic fields are the more hazardous.
- In and around the home, all electrical appliances emit EMFs. Some, like hair dryers, food mixers, juice blenders, knife sharpeners, razors, etc., produce dangerously high levels of magnetic field – but only for relatively short periods of time. So do power tools, machinery, etc. None of these devices is constantly on; therefore none of them is considered in determining what is the “ambient” or normal level of magnetic field.
- Power and transmission lines, substations, power transformers, etc., because of the higher voltages/current they carry, produce much stronger EMFs, which can extend out to about 300 meters or more, depending on the voltage.
- From the above, readers should now have a better understanding of today’s corruption. Electric power generation utilities rely on health regulation agencies such as Health Canada, the WHO, ICNIRP, IEEE/ICES and the FCC to establish “safe” exposure limits which are dangerously high, but which enable the utilities to legally build their power lines, substations, power transformers, etc. dangerously close to schools, residential areas, hospitals and the like. This saves the electric power utilities billions of dollars in real estate costs they otherwise would have to spend to buy the additional land they’d need to build/erect their infrastructure at legitimately safe distances from the public.
- Magnetic fields are measured in units called Gauss on instruments known as “Gauss meters”. (These simple-to-use instruments can cost less than \$125.00 Canadian on the internet.)
- Non-industry scientists, globally, say that a “safe” ambient (normal) level of a magnetic field in a home, school, place of work, etc., should not exceed 1 mG (<1 thousandth of one Gauss). Health Canada, the WHO and ICNIRP, on the other hand, all say that the public can be exposed to 2,000 mG (two thousand milligauss).
- In the U.S., IEEE/ICES says the American Public can be exposed to magnetic fields of up to 9,040 mG and workers up to 27,100 mG!

www.hydroquebec.com/fields/pdf/pop_23_01.pdf (p. 20)

- The electric power industry has known of the hazards of EMFs for decades, but for it to avoid what would be crushing litigation costs and to stave off the inevitable need for it to re-engineer its product, it has strenuously denied – and continues to do so – that EMFs CAUSE leukemia (in both adults and children), brain cancer, Lou Gehrig’s disease (ALS), Alzheimer’s disease, breast cancer in women and men, miscarriage, birth defects and reproductive problems, decreased libido, fatigue, depression and suicide, blood diseases, hormonal imbalances, heart disease, neuro-degenerative diseases, sleeping disorders, and many others.

www.powerwatch.org.uk/science/studies.asp#elfemf

Chapter 6: Non-Thermal Radiation

Non-thermal radiation is invisible, silent, odorless and tasteless, but is hazardous to humans and every form of life. Scientists call it “electrosmog”, which is now so dense that it can be detected from space.

In industrialized countries, non-thermal electrosmog is produced in two ways:

1. by 50/60 Hz electricity – which, when current is flowing, emits both electric and magnetic fields, e.g., from overhead power lines, electrical substations, power transformers, Smart meters, household electricity, electrical appliances, electrical tools and machinery, electric vehicles and anything in which electricity is flowing, etc.; and,
2. by radio/microwave frequency wireless radio devices – all of which produce hazardous pulsed non-thermal electro-magnetic radiation, e.g., cell phones, cordless phones, cell phone towers, Smart meters and appliances, meshed-grid networks; AM and FM radio and/or TV broadcast towers, amateur radio, CB, marine and aeronautical radio transmitters; all radars, microwave ovens, computers, baby monitors, Wi-Fi routers, Bluetooth devices, Wi-Fi hotspots (entire cancer clinics, hospitals, nursing homes, schools, libraries, resorts, towns and even complete cities, public buses, ferries, trains, planes, cruise ships); military, scientific and commercial satellites (including GPS), and the literally tens of thousands of 5G satellites which the FCC have recently approved for launch, RFIDs, remote control units, home security systems, pagers, some copiers, motion detectors, TV games, garage door openers, TETRA Networks, self-driving vehicles, automotive collision avoidance systems, terrestrial 5G technology, etc.

“No recognition at all is given to any potential health effects at lower, non-thermal levels of non-ionizing “power line” frequency (50 Hz/60 Hz) electric fields, magnetic fields (EMFs) or radio frequency (RF) electro-magnetic radiation (EMR), even though non-thermal biological effects have been scientifically demonstrated for over a century.”

“OVERPOWERED” P. 181 BY MARTIN BLANK, PHD

Chapter 7: Radio-Frequency Spectrum



The range for the radio-frequency spectrum is 3 kHz (3 thousand Hertz) to 300 GHz (300 billion Hertz).

https://en.wikipedia.org/wiki/Radio_frequency

Radio Frequencies (RF)

Before 1930, the RF spectrum above 30 MHz was virtually empty of man-made signals.

Extremely Low Frequency (ELF) 3-30 Hz Wavelength: 100,000 km – 10,000 km

- Commonly called “Power Line” frequency, which includes 50 Hz/60 Hz electricity

Medium Frequency (MF) 300 kHz – 3,000 kHz (or 3 MHz)

- AM radio – 550 kHz to 1630 kHz (“k” = thousands of Hz),
- FM radio and TV – 87.5 MHz to 108 MHz (“M” = millions of Hz), etc.

Ultra High frequency (UHF): 300 MHz – 3,000 MHz (or 3 GHz)(“G” = billions of Hz)

- TV, microwave ovens, microwave devices/communications, mobile phones, wireless LAN, Bluetooth, Zigbee, GPS, satellite radio, remote control systems, etc.

Super High frequency (SHF): 3 GHz to 30 GHz, Wavelength: 10-1 cm (centimetre)

- Microwave devices/communications, wireless LAN, most radars, communication satellites, cable and satellite TV broadcasting, satellite radio, etc.

Extremely High frequency (EHF): 30 GHz -300 GHz, Wavelength: 10 mm – 1 mm

- High-frequency microwave radio relay, microwave remote sensing, directed energy weapons (DEW) and “active denial systems” (ADS) – used for crowd control and/or dispersal, millimeter wave scanners (used at airports and other ports of entry), wireless LAN (802.11ad), 5G satellites and terrestrial microcell transmitters, etc.

Chapter 8: The Complicit News Media



1786: Freedom of the Press

“Our liberty depends on the freedom of the press, and that cannot be limited without being lost,” said Thomas Jefferson.

<https://founders.archives.gov/documents/Jefferson/01-09-02-0209>

1991: U.S. – Keep the public ignorant

David Rockefeller said, “We are grateful to the Washington Post, the New York Times, Time magazine and other great publications whose directors have attended our meetings and respected their promises of discretion for almost forty years... The supranational sovereignty of an intellectual elite and world bankers is surely preferable to the national auto-determination practiced in past centuries.”

www.crossroad.to/Quotes/globalism/rockefeller.htm

The Rothschild and Rockefeller families are the wealthiest in the world; it is estimated that over their generations, the Rothschilds alone have amassed around 500 trillion dollars. This figure is thought to be about half the entire world’s wealth, the equivalent of 990 trillion circulating dollars.

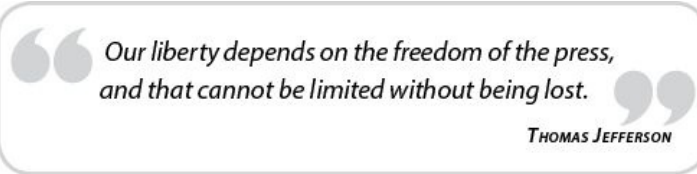
Lord Jacob Rothschild is said to have stated that his family “owns nearly every central bank in the world, financed both sides in every war since Napoleon, owns your news, the media, your oil and your government; and, yet most people have never heard of us.”

<http://theconspiracyzone.podcastpeople.com/posts/39430>

November 2013: Canada – Media concentration

Canada has the most concentrated media ownership of ANY highly industrialized G8 country, which includes: France, Germany, Italy, the United Kingdom, Japan, the U.S., Canada and Russia.

www.mcgilltribune.com/opinion/owning-the-medium-media-consolidation-in-canada/



January 2014: North America – Media blackout on Smart meter dangers

There is more than ample evidence available today linking health problems with the RF radiation emitted by Smart meters to enable regulatory authorities to compel power utilities to abide by the precautionary principle. But the public are not aware of this because the issue is being blacked out in the press.

<http://memoryholeblog.com/2014/01/21/media-blackout-on-smart-meter-dangers/>

2015: U.S. – Control of news media

- 1946 – three out of four newspapers were independently owned.
- 1983 – 50 corporations controlled 90% of U.S. news media.
- 2015 – five giant conglomerates control what most Americans read, watch and listen to.

All five conglomerates are corporate members of the U.S. think tank, Council on Foreign Relations. See also the Trilateral Commission.

www.conspiracyarchive.com/2013/12/21/the-council-on-foreign-relations-cfr-and-the-new-world-order

March 2016: Global – The Rothschilds, world kingpins

Rothschild quotes, “Give me control of a nation’s money and I care not who makes the laws.” They also own or owned both the Associated Press and Reuters, who feed all of the major newspapers of the world.



www.nwo-news.com/2016/03/08/the-rothschilds-world-kingpins-worth-500-trillion-they-own-reuters-ap-and-fix-the-price-of-gold/

www.facebook.com/NewWorldOrderSurfer/posts/655009457847895

March 2016: Global – Media companies

Media companies control what you see on TV, read in newspapers and/or magazines and hear on the radio. There used to be 88 companies; now there are six, all of whom get their news from Reuters and the Associated Press. Reuters owns the AP and Rothschilds own Reuters.

www.luckinlove.com/rothmedia.htm

<http://humansarefree.com/2016/03/there-were-88-media-companies-now-there.html>

2018: Owners of Canada's 87 daily newspapers

- Postmedia Network Inc./Sun Media (35)
- Torstar Corp. (12)
- SaltWire Network Inc. (Maritimes) (8)
- Independent (7)
- Groupe Capitales Médias (6)
- ALTA Newspaper Group/Glacier (3)
- Black Press (3)
- Brunswick News Inc. (3)
- Continental Newspapers Canada Ltd (3)
- Quebecor (3)
- F.P. Canadian Newspapers LP (2)
- Glacier Media (2) etc. Globe and Mail (1)
- TC Media (1) and Power Corp of Canada (1)



2018: World Press Freedom Index

- U.S. – 45th in world
- UK – 40th in world
- Israel – 87th in world
- Canada – 18th in world

Reporters Without Borders

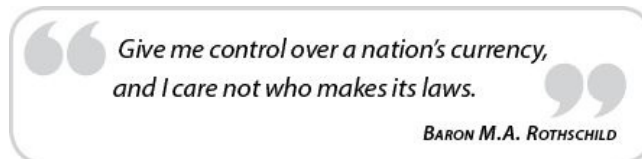
AUTHOR'S COMMENT: Thank God for a free and independent Internet, whose current status must be protected at all costs.

Chapter 9: U.S. Military-industrial complex (MIC)

Collusion • Conspiracy • Corruption

The Rothschild Family

The reader is left to decide if this is relevant to this chapter:



A complete list of banks owned or controlled by the Rothschild family, which will surprise most people, can be seen here. They are known to have funded both sides of many of the world's wars since the Napoleonic Wars of 1803 and are rumoured to even own the U.S. Federal Reserve.

<http://humansarefree.com/2013/11/complete-list-of-banks-ownedcontrolled.html>
www.conspiracies.net/rothschild-conspiracy/

Executive Summary

The U.S. Military is the world's only super-power and self-proclaimed police force. With an annual Department of Defense (DOD) budget of about \$700 billion, roughly 800 military bases in 70+ countries, and military personnel stationed in at least 130 different countries, including 53 of Africa's 54 countries, one can easily understand that a mutual interdependency exists between the U.S. Military and the electric power generation, and the wireless and telecommunications industries (see below). Also obvious is the need for the U.S. Military's major military allies (the U.K., Canada, Australia and New Zealand) to be able to operate seamlessly with the U.S. Military's communications and weapons systems, etc. Similarly, these same countries have been obliged to adopt the U.S. Military's odious thermal effects ONLY mantra and its dangerously-high (to humans and all living things) "safe" exposure limits for RF EMFs.

The U.S. Military

The military needs – and depends upon – the electric power generation industry to provide whatever electricity it needs at its approximately 800 bases in some 70 countries, not only for the basic heat and hot water these establishments require, but for the power each base requires to operate its assortment of surveillance radars, guided missile systems, command and control communications, electronic warfare (EW) systems, etc. Similarly, for the U.S. Military to remain the world’s only super power, it expects – and depends upon – the communications and electronics industry to ensure that it always has the latest state-of-the-art electronics in its strategic and tactical command and control systems, radar and weapons systems, electronic warfare systems, etc. Since at least WWII, both industries consider the U.S. Military to be their most valued customer, given the military’s sheer size, its enormous budget and its endless demands.

In the 1950s, Russian doctors conducted extensive clinical exams of thousands of workers who had been exposed to microwaves during the development of radar. Having disclosed serious health problems, these studies were not swept under the rug by the Soviets, who have consistently assumed that any radiation that does not occur in nature will have some effect on life. In 1952, at the height of the Cold War, there was a secret meeting at the Sandia Corporation in New Mexico between U.S. and U.S.S.R. scientists, allegedly to exchange information on biological hazards and safety levels. America chose to ignore Soviet knowledge!

The Body Electric by Robert O. Becker, M.D., and Gary Seldon (Page 315).

The 1984 BBC documentary “Opening Pandora’s Box” explained how the safety standards for electromagnetic radiation (EMR) were set higher in the 1950s, to allow the U.S. Military to have unlimited use of EMR technology. Even then, American science reports suggested EMR health effects of brain tumours, heart conditions, leukemia, cataracts and more, but these were ignored.

<https://forum.jackkruse.com/index.php?threads/the-moscow-signal-experiment-of-the-us-embassy.9559/>

It is important for readers to note that the U.S. Military’s outrageously high “safe” exposure limits for RF EMR (which were first developed in 1953 for the U.S. Navy, and were adopted by the U.S. Air Force and Army in 1965) provide protection – against the thermal effects ONLY – for just six minutes for those exposed to acute microwave radiation. Whereas, in reality, the unsuspecting public are constantly exposed to pulsed, non-thermal radiation, from many different sources, simultaneously operating on many different radio frequencies 24 hours a day, seven days a week, 52 weeks a year – in perpetuity.

Same as previous OR <https://tinyurl.com/yansl8h4>

It is also important for readers to realize that, of necessity, in 1966, all militaries of the “Five-Eyes” member countries of this western intelligence-gathering alliance (the U.S., the U.K., Canada, Australia and New Zealand) were obliged to adopt the U.S. Military’s thermal effects-ONLY mantra. This meant that these western countries shared the U.S. Military’s outrageously-high “safe” exposure limits for RF EMR – which explains why they looked to be the same as Health Canada’s Safety Code 6 (until 2015), and just slightly higher than ICNIRP’s and the WHO’s guidelines.

The Wireless and Telecommunications Industry

The industry must have been euphoric when, in 1966, the U.S. Military adopted its current thermal effects ONLY mantra (meaning that the U.S. Military had determined then that there were no hazardous non-thermal effects to microwave radiation). For this reason alone, today, some 60 years later, the entire world is awash in literally billions of wireless radio products/devices/gadgets – all of which are extremely profitable but each of which emits hazardous pulsed non-thermal radiation on radio frequencies (which include microwave frequencies).

Since 1996, when the **Telecommunications Act** was passed, vital sections of which are said to have been written by the telecom industry, no state or municipal government can stop or block the installation of a cell tower for health reasons. For the first time in U.S. history, this gave the telecom industry license to install towers wherever they wanted – and governments were/are powerless to stop them.

The Military Industrial Congressional Media Complex



Federal Communications Commission (FCC)

The FCC is openly said to have been taken over by the telephone industry, the very industry it is supposed to regulate.

1. Ajit Pai, a former Verizon lawyer, has been Chairman of FCC since Jan. 2018, when he was appointed by U.S. President Donald Trump.

- Pai champions there being thousands of satellites in space using phased array antennae to irradiate every inch of space on earth with 5G microwave frequencies in order to bring broadband internet to every person on earth – whether they want it or not. This is despite the fact that even the CEO's of the five largest U.S. telecom companies admitted to U.S. Senator Blumenthal, during a Senate hearing into the safety of 5G, that no 5G frequencies have ever been independently tested for “safety” to human health by qualified, independent EMR experts.
- Like his predecessor (see below), he champions wireless technology and Wi-Fi for everyone.

- Like his predecessor, he ignores scientific reports from around the world that say that EMFs and EMR are hazardous to people and other living things.

2. Tom Wheeler, a career lobbyist and fundraiser, was FCC's chairman (Nov., 2013-Jan., 2017) thanks to U.S. President Barack Obama. Interesting facts readers might wish to note include:

- As FCC chairman, Wheeler approved the launch of thousands of satellites, all of which will use 5G technology and phased array antennae to irradiate every inch of space on earth with millimetre length (2.73 to 1 mm) microwave frequencies.
- As FCC chairman, he championed, almost maniacally, the need for 5G technology.
- He raised approximately \$700,000 for Barack Obama's two election campaigns.
- From 1992-2004, as Pres/CEO of the Cellular Telecommunications and Internet Association (CTIA), his job was to lobby all governments in the U.S. on behalf of wireless and telecom companies. Wheeler was inducted into that industry's Hall of Fame.
- From 1976-1984, he was President/CEO of the Cable and TV Association, eventually being inducted into that industry's Hall of Fame. (He is the only person ever to be inducted into both halls of fame.)

The Electric Power Generation Industry

Electric power utilities had to be equally euphoric when, in 2005, today's unconscionably high and extremely hazardous – but very industry-friendly – “safe” exposure limits were established to protect the public from what are called Extremely Low Frequency (ELF) (also known as “power line 50/60 Hz frequency”) electric and magnetic fields (EMFs). EMFs are produced by anything in which electrical current is flowing, e.g., overhead power lines, substations, voltage transformers, household wiring, household appliances, Smart meters, tools and machinery, electric vehicles, etc. (Readers need to note that earlier, in 2001, the WHO had classified ELF EMFs a Class 2B “Possible Human Carcinogen”.)

www.emfsolutions.ca/powerline-EMF.php

Today's very dangerous “safe” exposure limits for ELF EMFs – for the world –

were orchestrated by the notoriously corrupt and globally-reviled WHO scientist, Dr. Michael Repacholi. Unbelievably, while he was in charge of the WHO's International EMF Project, simultaneously he was chairman of the ICNIRP, which is known to be industry-friendly ICNIRP and which he helped to create. In determining today's "safe" exposure limits, it is public knowledge that Dr. Repacholi was assisted by eight representatives from the electric power industry – whom he had specifically invited to assist him.

This brazen, callous and heartless deed has enabled (and does to this day) electric power utilities around the world to erect their overhead power lines, substations, power transformers, etc. unconscionably close to schools, hospitals, nursing homes, residential areas, etc. This, of course, saved/saves electric power utilities literally billions of dollars in real estate costs they otherwise would have to spend to buy the additional land required for them to ensure that the public were kept at genuinely safe distances from their electric infrastructure.

More recently, this same corruption has enabled electric utilities – with the help of a silent news media and cash-starved, naïve, gullible and technologically-ignorant governments – to literally force their insidious wireless Smart meters on every dwelling and occupied building in an entire country. Unknown to most people, Smart meters each contain two microwave radio circuits – both of which emit hazardous pulsed non-thermal radiation. Even more dangerous, unsuspecting home owners in each "meshed network community" who have the misfortune to have a "Collector" Smart meter attached to their homes are unaware that their Smart meters contain three microwave radio circuits – which, together, constantly emit hazardous pulsed non-thermal radiation – around the clock.

Western Health Regulatory Agencies

Since they elected to follow the U.S. Military's lead in 1966, the militaries of all four western health regulatory agencies (Health Canada, the WHO, ICNIRP and ICES) have defended and promoted the U.S. Military's "thermal effects ONLY" mantra. The equally corrupt FCC has done this since 1996 as well.

Health Canada admitted in a Quebec Superior Court in 2013 that, for frequencies ranging from 100 kHz up to 300 GHz, Safety Code 6 provides protection ONLY against the thermal effects of radiation (meaning that SC6 DOES NOT afford any protection whatsoever against the hazardous non-thermal radiation emitted by any and all of today's RF products/devices/gadgets. Even then, one needs to note that any "safety" which Safety Code 6 purports to provide is for just 30

minutes. It makes no provision for today's realistic situation whereby people are constantly exposed to pulsed non-thermal radiation from countless emitters – all transmitting simultaneously on many different frequencies.

Readers need to note that:

- Each and every one of today's wireless RF products, devices and gadgets was exempted from having to be tested for "safety" because it was presumed that its radiated power was too low (too weak) to be harmful to people.
- Because of the above, not one of today's wireless RF products, devices or gadgets has had to first undergo independent "safety" testing, to ensure that the technology was safe to be used by, on or around people of all sizes, of all ages, of all levels of wellness 24/7/365 in perpetuity.
- Funding for independent studies in North America on cell phone radiation began to dry up in the 1960s, and since the 1990s any studies were done by U.S. industry. One must look to Asia and Europe to find meaningful non-industry studies of RF EMR.
- All "safety" studies done by North American governments and/or industry to date typically have been of relatively short duration (less than, say, six years); whereas it is known that the latency period for diseases such as cancers, Alzheimer's, Parkinson's, etc. varies anywhere between ten and 30 years, or more. This enables corrupt government officials and industry to use the term: "weight of evidence" rather than the more meaningful "quality of evidence" and supports their view that non-ionizing EMF/EMR is not harmful to humans.
- Neither the U.S. nor Canada has ever imposed the "precautionary principle" in an effort to protect the public's health and/or safety.
- Both the U.S. and Canada put the onus on the public to prove – beyond a shadow of doubt – that EMFs/EMR are hazardous to one's health.
- Neither the U.S. nor Canada will recognize or admit that there exists a condition known as EHS. First identified in 1932, EHS is now recognized by many countries and affects millions of people around the world who simply cannot tolerate any form of EMFs/EMR. The severity of EHS can vary from slight debilitation to where the radiation is completely disabling. It is no longer uncommon to hear of people in various countries who have had to flee their homes and been forced to sleep in their vehicles. The first celebrity to volunteer that she suffered from EHS was

Dr. Gro Harlem Brundtland, MD, MPH (Harvard), Director General of the WHO and a former three-time Prime Minister of Norway.

Mainstream News Media's Silence

One needs to realize that today's "Mother of all Crimes" could not possibly happen were it not for the cooperation mainstream news media promised to David Rockefeller in the early 1960s. It is this same media silence that causes all of mankind to be victims of what truly amounts to: 1. a crime against humanity; 2. a violation of every person's Charter of Rights and Freedoms; and, 3) a violation of the Nuremberg Code.

<https://answers.yahoo.com/question/index?qid=20091217184824AAp62jC>

2019: U.S. Military today

- World's only superpower.
- Self-proclaimed global policeforce.
- Budget – typically >\$700 billion.
- Military bases – approximately 800 in 70+ countries.
- Troops stationed in at least 130 countries.

Ref: Google: "U.S. military budget" and current year.

Late 1940s: the Institute of Radio Engineers

The IRE proposed safer (lower) EMR guidelines but military and electronics industry leaders ignored them.

Dr. Robert O. Becker's "The Body Electric" p. 306

1949: RF weapons research

The Soviet Union had been seriously pursuing RF weapons research since at least 1949. With the break-up of the Soviet Union, Russia and Ukraine have continued their research and sell their technology to France, Germany, China, India, etc.

www.stopthecrime.net/docs/high%20power%20brundeman.pdf (p. 9)

The "Five Eyes" Alliance

It is the world's most exclusive intelligence gathering community consisting of the militaries of the United States, the United Kingdom, Canada, Australia and New Zealand. It is a cooperative, complex network of linked autonomous

new Zealand. It is a cooperative, complex network of linked autonomous intelligence agencies from each of these countries.

<https://providencemag.com/2017/05/know-five-eyes-intelligence-community/>

AUTHOR'S COMMENT: *I was part of this “family” for approximately 18 years, including two years as the Executive Officer and Operations Officer at one of Canada’s most sensitive intelligence gathering stations.*

1950: Mind control – Lida Machine – Russia

(Said to be also patented in the U.S.)

Russia’s Lida machine can independently deliver pulsed RF, pulsed light, pulsed sound, and pulsed heat, each being adjustable in intensity and frequency.

Nominal carrier frequency – 40 MHz @ 40 Watts. PRF: 40- 80 ppm, PD: 0.2 sec. The RF signal is thought to be the primary cause of the sleep/trance effect.

www.bibliotecapleyades.net/sociopolitica/esp_sociopol_mindcon30b.htm

[www.](#)

1950s: Mind control

Frequencies of the human brain: 0.5 Hz to 35 Hz. Since the 1950s, Russian and U.S. militaries pursued and have developed the ability to control the human mind – possibly without the knowledge of their governments.

www.constitution.org/abus/mkt/uncom.htm

1950 - 1952: Soviet electromagnetic radiation weaponry

Soviet scientists developed electrogravitation and scalar EM weapons and EM machines that could influence the brain and nervous system directly. This included the Lida machine (mentioned above) which was used to put to sleep a person or a whole group of people (>1,000 feet distance) or to brain-wash a person (as was done by N. Korea).

www.cheniere.org/books/analysis/index.html

1952: Cataracts

Sandia Corp., a Lockheed Martin company and maker of missile guidance systems, reported first known case of cataracts in microwave technicians.

Dr. Robert O. Becker’s “The Body Electric” p. 306

1953: Radiation: sterility and baldness

Bell Laboratories, alarmed by reports of sterility and baldness among its own workers as well as military radar personnel, suggested a safety level of 100 μW , 100 times less than the U.S. limit of 10 mW/cm^2 .

Dr. Robert O. Becker's "The Body Electric" p. 305

1953: U.S. Navy set its own “safe” exposure limit for microwave radiation

Nazi Germany's Dr. Herman P. Schwan (an engineer, not a biologist) literally “calculated” the initial 100 W/m^2 (or 10,000,000 $\mu\text{W}/\text{m}^2$) RF exposure limit for the U.S. Navy “safe” exposure limit for microwave radiation – based on the thermal effects ONLY of microwave radiation. Twelve years later, in 1965, the U.S. Air Force and Army adopted this standard – and the thermal effects ONLY dogma. One year later, in 1966, the U.S. and its Five Eyes allies also adopted it – and the thermal effects ONLY dogma. Even in 1953, Dr. Schwan said that level of protection would not protect a person for more than one hour.

Dr. Robert O. Becker's "The Body Electric" p. 306

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf (p. 5)

AUTHOR'S COMMENT: Today's thermal RF/MW approach is based on the post-World War II U.S. Tri-Service program. At that time, it was thought that there were no hazardous non-thermal effects to EMFs or EMR.

1953-1976: U.S. Embassy, Moscow – Diseases associated with very weak microwaves

The Soviets irradiated the U.S. Embassy for just eight hours a day, five days a week for 23 years. Yet, despite the small numbers (1800 employees and 3000 dependents of U.S. personnel), the lack of long latency period and dilutionary factors, the Lilienfeld data shows significant increases in:

- Cardiac symptoms.
- Neurological and psychological symptoms.
- Altered blood cell counts.
- Increased chromosome aberrations.
- Elevated cancer in children and adults.
- Sickness increasing in a dose-response manner with years of residence.

“These symptoms are associated with chronic exposure to very low intensity (i.e., very weak) pulsed microwaves in the range < 0.04 to $0.2 \mu\text{W}/\text{cm}^2$. The

(i.e., very weak) pulsed microwaves in the range ~ 0.04 to $0.2 \mu\text{W}/\text{cm}^2$. The recommended standard is $10 \text{ nW}/\text{cm}^2$ ($0.01 \mu\text{W}/\text{cm}^2$). A primary means of achieving public health protection is a strong move away from “wireless” technology. If major cities moved to fiber optic cables for all telephone, fax, radio, TV and internet services, removing the need for broadcast transmission sites, the mean public exposure could be kept below $0.01 \mu\text{W}/\text{cm}^2$.”

www.buergerwelle.de/assets/files/zamir_shalita_cellularantenna_neil_cherryj3.htm?cultureKey=&q=pdf/zamir_shalita_cellularantenna_neil_cherryj3.htm

1954-1971: Project Pandora

When the U.S. learned that the Soviets were irradiating their Moscow Embassy with microwave radiation, the U.S. Military created its own Project Pandora in an effort to replicate and learn from Russia’s experience. Eldon Byrd, a scientist for the Naval Surface Weapons Centre, U.S.N., said about microwave radiation in 1986, “We can alter the behaviour of tissues, cells, organs and whole organisms... you can cause up to six times higher foetus mortality and birth defects in laboratory animals, and it is known how to induce malignant diseases in human cells... and how to cure them”.

www.youtube.com/watch?v=xehJzyttZr8

1956: U.S. Department of Defense (DOD)

The U.S. DOD directed the U.S. Army, Navy and Air Force to investigate the biological (i.e. non-thermal) effects of RF/MW radiation.

Radiofrequency/microwave radiation biological effects and safety standards: A review.

1957: U.S. Military

Research showed that pulsed radiation appears to be more harmful than non-pulsed radiation. Research also showed that biological (non-thermal) effects of RF/MW EMR can:

- Cause cancer,
- Cause damage to major organs,
- Cause serious damage to the eye,
- Disrupt important biological processes.

Radiofrequency/microwave radiation biological effects and safety standards: A review.

Non Lethal Microwave Weapons

Frequency	Illness Caused
4.5 Hz	Paranoia
6.6 Hz	Depression/suicide
8 Hz	Animals fall asleep
11 Hz	Manic behaviour/anger
25 Hz	Blindness if aimed at the head; heart attack if aimed at the chest

Other frequencies may induce hysteria, trauma, lust, murder and cancer.

Barrie Trower, physicist and former British naval officer and electronic warfare scientist

1960: JASON defense advisory panel reports established

JASON is an independent scientific advisory group that provides consulting services to the U.S. government on matters of defense science and technology. JASON typically performs most of its work during an annual summer study, and has conducted studies under contract to the DOD - frequently the Defense Advanced Research Projects Agency (DARPA) and the U.S. Navy, the Department of Energy, the U.S. Intelligence community, and the FBI. Approximately half of the resulting JASON reports are unclassified.

<https://fas.org/irp/agency/dod/jason/>

1961: U.S. President Dwight D. Eisenhower

He warned the American people to be on guard against the emergence of a corrupt MIC. He said, “The potential for the disastrous rise of misplaced power exists and will persist. Only an alert and knowledgeable citizenry can” ... (protect democracy).

<http://coursesa.matrix.msu.edu/~hst306/documents/indust.html>

AUTHOR’S COMMENT: *Who really runs America? Most Americans are not aware of these four organizations, but knowing something about them is essential to understanding what has been going on in America for several decades: 1) Council on Foreign Relations; 2) the Trilateral Commission; 3) the ultra-secretive and powerful “Carlyle Group; and, 4) the Bilderberg Group.*

www.conspiracyarchive.com/2013/12/21/the-council-on-foreign-relations-cfr-and-the-new-world-order/
www_

<http://hereinreality.com/carlyle.html>

<https://topdocumentaryfilms.com/iron-triangle-the-carlyle-group-2/>

www.bibliotecapleyades.net/sociopolitica/sociopol_carlyle.htm

www.informationclearinghouse.info/article3995.htm

www.conspiracies.net/rothschild-conspiracy/

www.rt.com/news/460536-bilderberg-group-meeting-2019

AUTHOR'S COMMENT: *The U.S. Government has never seen fit to establish either “safe” standards or guidelines to protect the American public or its workers from ELF-EMFs or from RF or EMR. Instead, this responsibility has been left to a civilian organization known as the IEEE. (See below).*

The Omnipotent IEEE – Institute of Electrical and Electronics Engineers

Based in New York City, with approximately 423,000 engineers in 160 countries, it is the largest professional technical organization in the world. Within IEEE’s internal committee, the International Committee on Electromagnetic Safety (ICES) Technical Committee 95, sub-committee 3 determines/sets the “safe” exposure limits for ELF-EMFs, while sub-committee 4 sets them for RF EMR. (It goes without saying that the U.S. military’s communications and electronics needs always take precedence within any IEEE/ICES entity.) Both ICES’ “safe” standards are then simply adopted by the Federal Communication Committee (FCC) who then promulgate them to the world as if they were FCC’s own standards.

1961: Birth of ICES (above), which previously had been called Standards Committee 28 (SCC-28)

https://elibrary.gsfc.nasa.gov/assets/doclibBidder/tech_docs/19.%20IEEE%20C95.1%20-%

1962: The U.S. Military’s Project Pandora

Demonstrated that:

- Very small amounts of EMR could appreciably alter the functions of living cells,
- Pathological effects close to those induced by highly toxic substances could be produced by EMR even at very low power,

- Low-level EMFs, modulated to be similar to normal brainwaves, could seriously affect brain function.

www.riseearth.com/2013/08/death-lies-and-mutations-proof-military.html

1963: U.S. President John F. Kennedy

In a speech made to Columbia University on Nov. 12, 1963, ten days before his assassination, Kennedy said, “The high office of the President has been used to foment a plot to destroy the American’s freedom and before I leave office, I must inform the citizens of this plight.”

www.newworldwar.org/groups.htm

1964: Dangers of microwave radiation – thermal and non-thermal

Dr. Milton Zaret was one of the first scientists to speak out about the dangers of microwave radiation saying that EMF radiation at either thermal or non-thermal levels can CAUSE cataracts which sometimes remain latent for months or years. His funding was cut off.

www

1965: Russia discovered that certain frequencies are weapons

Stoltita, a major Soviet newspaper, reported that Victor Sedletsy, a scientist from Kiev, claimed that the practical testing of “new kinds of weapons based on the impact of certain frequencies on the human body” occurred back in 1965.

Keith, Jim, Mass Control: Engineering Human Consciousness, IllumiNet Press, Liburn, GA, 1999, p. 216

1965: U.S. Air Force and U.S. Army adopt the U.S. Navy’s 1953 standard

Now, all three branches of the U.S. Military shared the same dangerously-high “safe” exposure limit of 100 W/m² based solely on the thermal effects of RF EMFs.

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf (p. 5)

1966: The U.S. and all Five-Eyes militaries adopt the U.S. Navy’s 1953 standard

THE 1953 MILITARY STANDARD FOR THE PROTECTION OF HUMAN BEINGS FROM THE EFFECTS OF RADIO FREQUENCY ELECTROMAGNETIC FIELDS (RF-EMF)

The 1953 U.S. Navy standard, based solely on the thermal effects of RF EMF, was adopted by the U.S. (i.e., the industry-sponsored American Standards Council) and by member countries of the Five Alliance community. To this day, all five countries are afraid to change it to include non-thermal effects for fear of lawsuits.

www

www.nato.int/cps/en/natolive/official_texts_17120.htm

The U.S. Military is knowingly sacrificing the unsuspecting citizens of the U.S., U.K., Canada, Australia and New Zealand, because it fears the Soviet Union and needs to protect the electronics industry, on which it depends. All U.S. military microwave weapons systems are based on its obsolete 10-mW standard. For them now to lower their standard would degrade their performance, thus putting U.S. national security at risk.

Cross Currents, Dr. Robert O. Becker, p. 301

1967: U.S. – Central Intelligence Agency (CIA)

The CIA's Jo Johnston observed in a memo summarizing the early results of Project Pandora, regarding harmful effects to humans caused by RF EMR, "For the record, it should be noted that all the positive findings were achieved one half an order of magnitude below the accepted U.S. standard for safe exposure."

The Microwave Debate, Nicholas H. Steneck, p. 117

1968: Raytheon lies to U.S. Congress about EMR

Its Microwave Division informed Congress that their studies concluded:

- The biological effects of microwave energy are thermal.
- The effects are non-cumulative.
- Man has a built-in alarm system coupled with his threshold of pain that protects him from thermal injury.

The Microwave Debate, Nicholas H. Steneck, p.125.

1968: Dr. Herman Schwan

Schwan, who established the U.S. Navy's "safe" exposure list (thermal-effects ONLY) in 1953, disagreed with Raytheon, saying that there wasn't sufficient evidence to limit RF bioeffects solely to thermal energy. Nor would he discount the possibility of genetic and cumulative effects completely and said more studies were needed.

The Microwave Debate, Nicholas H. Steneck, p. 125

1968: U.S. President Lyndon B. Johnson's State of the Union address

He pledged to keep Americans “safe in their homes and at work.” Part of the new deal consumers were being promised was “protection against hazardous radiation from TV sets and other electronic equipment.” This became law when he signed the “Radiation Control for Health and Safety Act” on Oct. 18, 1968.

New York Times, January 18, 1968 Public Law 90-602, Oct 18, 1968

1968: The Radiation Control for Health and Safety Act

The U.S. Congress passed this law to protect the public from all forms of EMR, including microwaves that could be emitted from manufactured electronic equipment.

http://ethw.org/Biological_Effects_of_Electromagnetic_Radiation

1970: U.S. Navy's enormous buried ELF communications antenna

Its purpose was to enable communication with submerged submarines in any ocean of the world; consequently, the length of the ELF antenna was literally thousands of miles across the state of Michigan. But it triggered controversy about possible health side effects that raged until 1984, when the project was finally stopped by court injunction. The project sought a friendly home in states ranging from the Great Lakes to the Gulf of Mexico.

https://ethw.org/Biological_Effects_of_Electromagnetic_Radiation

December 2, 1970: U.S. – Environmental Protection Agency (EPA) was formed

The EPA's stated mission is to: “Protect human health by safeguarding the air we breathe, water we drink and land on which we live.”

https://ethw.org/Biological_Effects_of_Electromagnetic_Radiation

1970s: U.S. – RF bioeffects research

Throughout the '70s, approximately two of every three research dollars spent on RF bio effects research can be traced to the U.S. Navy, Air force or Army. With

this support inevitably came control.

The Microwave Debate, Nicholas H. Steneck, p.169

1971: >2300 U.S. Navy studies

See the long, detailed list of harmful effects radio (which include microwave) frequencies have on humans. They paid particular attention to the effects on man of non-ionizing radiation at these frequencies.

www.magdahavas.com/wordpress/wp-content/uploads/2011/06/Glaser_1972_shortened.pdf

1971: Warning to U.S. White House

U.S. President Nixon's own EMR Management Advisory Council warned: "power levels in and around American cities, airports ... and homes may already be biologically significant. The population at risk may well be the entire population. The consequences of undervaluing or misjudging the biological effects of long-term, low-level exposure could become a critical problem for the public health, especially if genetic effects are involved."

The Zapping of America, Paul Brodeur (1977) p. 228

c. 1970s: U.S. – More evidence of lies

The U.S. has known since at least the 1970s that non-thermal radiation harms the immune and nervous systems, behavioural effects and ability to learn, damages the chemical barrier that prevents blood toxins from entering the brain, and possibly causes genetic defects, birth defects and general effects on growth and aging processes.

<http://scholarship.law.duke.edu/cgi/viewcontent.cgi?article=2692&context=dli> (p. 6)

1972: U.S. – People Zapper (crowd control weapon which could heat or burn a person)

The U.S. Army had the technology and equipment then to have a truck-portable microwave barrier system to completely immobilize personnel in the open. (This was millimeter wave technology, which is today's Fifth Generation or 5G technology.)

[htt](#)

January 1974: Studies done for U.S. Army on lethality of microwave frequencies

Of the four frequencies studied: 0.95, 2.45, 4.54 and 7.44 GHz, 0.95 GHz was

found to be the most lethal. Second was 2.45 GHz.

AUTHOR'S COMMENT: *Smart meters emit their radiation of 910 MHz (0.91 GHz) and 2.45 GHz; microwave ovens are authorized to emit their radiation on 2.45 GHz, as are Wi-Fi routers, cordless phones, baby monitors, etc... power densities ranged from 0.2 W/cm² to 12 Wcm².*

[www.magdahavas.com/wp-](http://www.magdahavas.com/wp-content/uploads/2010/09/Mortality_in_Rats_Exposed_to_CW_Microwave_Radiation.pdf)

[content/uploads/2010/09/Mortality_in_Rats_Exposed_to_CW_Microwave_Radiation.pdf](http://www.magdahavas.com/wp-content/uploads/2010/09/Mortality_in_Rats_Exposed_to_CW_Microwave_Radiation.pdf) (p. 81)

1975: U.S. – Very weak microwaves can penetrate the Blood-Brain Barrier (BBB)

Dr. Allan Frey proved it, meaning that they could lead to diseases, including cancers. Largely as a consequence of his report, funding was shut down for further open microwave-bio research in the U.S. by the U.S. military.

www.scientist.com/?articles.view/articleNo/32648/title/Opinion--Cell-Phone-Health-Risk/

1975: U.S. Military's Tri-Service EMR bioeffects research plan

“These (lower) standards will significantly restrict the military use of EMR in peacetime and require the procurement of substantial real estate around ground-based EMR emitters to provide buffer zones.” Further, “they’d require an estimated 498,000 acres at a cost THEN of many billions of dollars”.

Dr. Robert O. “The Body Electric” p. 305

1975: U.S. Military bought results it wanted

Or it threatened to cut off funding, as happened to Dr. Allan Frey, the first scientist to discover that very weak microwave radiation could penetrate the BBB and the circulatory system.

<http://slowdigital.com/2017/12/07/allan-frey-a-pioneer-of-radiation-research/>

1976: U.S. Military knew of the hazardous non-thermal effects of microwave radiation

A declassified Defense Intelligence Agency (DIA) report showed that military personnel exposed to non-thermal microwave radiation experienced “headaches, fatigue, dizziness, irritability, sleeplessness, depression, anxiety, forgetfulness and lack of concentration.”

The report contained this statement: “If the more advanced nations of the west

are strict in their enforcement of stringent exposure standards, there could be unfavourable effects on industrial output and military functions”.

<https://electroplague.files.wordpress.com/2014/09/dia-report-1976.pdf> (p. vii).

AUTHOR’S COMMENT: *Despite the above, the U.S. Military clung to and defended the thermal effects ONLY dogma: a) because of their paranoia of the Soviet military; and, b) to enhance commercial opportunities for the electric power generation and communications/electronics industries.*

1976: Western Allies – sworn to silence about non-thermal EMR

The U.S. government advised its western allies not to talk about non-thermal effects of microwave radiation. If it did not heat the body, they were not to talk about it.

Ref. Barrie Trower

Barrie Trower

Barrie Trower is a celebrated, world-renowned British former naval officer and physicist who became an electronic weapons expert. At the end of WWII, his job in part was to interview and glean from foreign scientists (German and Soviet) their knowledge and/or use of radio frequencies as weapons.

Trower cited a 1950s report stating: “If this paper becomes known around the world, it will threaten military and commercial interests.” He especially condemned Health Canada’s Code 6.

Ref.: prd34.blogspot.com/2012_03_04_archive.html

“ A 1976 document summarizing U.S. Defense Intelligence research is the saddest and most despicable document ever published in history. (The document lists all of the health hazards caused by wireless devices and concludes): **This should be kept secret to preserve industrial profit.** ”

BARRY TROWER

<https://vitalitymagazine.com/article/why-our-world-is-electropolluted/>

Non-thermal RF/MW radiation

Countries such as Russia, Bulgaria, Hungary, Poland, the Czech Republic, Switzerland, China, Italy, Luxemburg, and Austria (Salzburg) believe that non-

thermal microwave radiation may harm you, and consequently have more conservative human safety guidelines.

[http](#)

1976: Moscow Embassy said to have highest cancer rates in the world

U.S. National Security Advisor Zbigniew Brzezinski told Chicago Daily News columnist Keyes Beech, in March, 1976, that the U.S. Embassy in Moscow had the highest cancer rates in the world.

*Paul Brodeur, Zapping of America, p. 129 and
The Microwave Debate, Nicholas H. Steneck p. 199*

1977: U.S. government consultant lies about illnesses in Moscow Embassy

Dr. Herbert Pollack, professor emeritus, George Washington University medical school and a medical consultant to the U.S. State Department, took part in the investigation of a practice of the Soviets of bombarding the U.S. Embassy in Moscow with microwaves. The practice, discovered in the mid-1970s, was started in the early 1960s (factually, it began in 1953), and it was feared that it might have caused cancers and other health problems in embassy personnel. Dr. Pollack reported in 1977 that there was no evidence that anyone's health had been harmed.

www.washingtonpost.com/archive/local/1990/01/05/herbert-pollack-dies/5d9961bf-a6c1-4189-9891-4bb348b00126/

1977: The U.S. Army knew mobile phone radiation was dangerous

By 1977, U.S. army scientists had duplicated Russian experiments using mobile phone microwaves to show weakening of the BBB, but this research was not made public for many years.

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf

1977: Microwaves: their deadly risk and the cover-up



"Microwave radiation can blind you, alter your behaviour, cause genetic damage, even kill you. The risks have been hidden from you by the Pentagon, the State Department, and the electronics industry. With this book, the microwave cover-up is ended."



"THE ZAPPING OF AMERICA" BY PAUL BRODEUR (1977)

Public have deliberately been deceived and kept ignorant

The effects of low-level exposure to RF radiation, that have been withheld from the public, extend from heart disease and cataracts to birth defects and cancer. Information about such hazards has been withheld to protect the military and its industrial contractors from the economic burden of lower standards.

The Microwave Debate, Nicholas H. Steneck, p. 195

Public health was never even considered by the MIC

Continuous exposure of the public to radiation 24/7/365 in perpetuity was never – and still is not – considered by the U.S. MIC. The U.S. Radiation Safety Exposure Level of 10 mW/cm² was developed primarily by producers for industrial and military, not by consumers for consumers.

The Microwave Debate, Nicholas H. Steneck, pp. 61, 62

c1979: U.S. EPA

It is estimated that if the Soviet RF exposure limit of 1 μW for the public (instead of the U.S.' 10,000 μW) was adopted, over 90% of U.S. FM stations would have to be shut down.

Dr. Robert O. Becker's "The Body Electric" p. 309

April 1981: U.S. – Study done for NASA showed all EMFs are hazardous to humans

The study of EMF interactions with the human body covered all frequencies from power line to 300 GHz. Effects ranged from deaths, cancers, sudden-infant-death, etc.

<https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19810017132.pdf>

1982: Scientists knew there were non-thermal effects and hazards

and nazarus

But these scientists were silenced by the U.S. DOD out of fear they would lose funding.

Dr. Andy Marino and Robert O. Becker in "The Body Electric" p. 341

Early 1980s: U.S. Air Force study showed non-thermal EMR caused cancer

Their \$5 million study of rats exposed to non-thermal EMFs – at 20 times below the safety thermal level – despite the careful selection of germ and virus free rats, still found the incidence of cancer to be four times greater in the exposed rats than in the control group.

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf

1982: American National Standards Institute

Recommended lowering radiation limits: RF (100 kHz-300 MHz) to 1,000 μ W and the M/W (300 MHz-300 GHz) to 5,000 μ W. This was the first semi-official admission that non-thermal effects do exist.

Dr. Robert O. Becker's "The Body Electric" p. 313

September, 1984: U.S. EPA found human brain and heart are sensitive to RF EMFs

The study included frequencies from 0.5 MHz to 100 GHz, and the abstract said: "The existing database provides sufficient evidence about the relation between RF radiation exposure and biological effects to permit development of exposure limits to protect the health of the general public." The summary (mid-page 235, left column) says, in part: "The experimental evidence suggests that the central nervous system (which includes the brain and heart) is particularly sensitive to RF radiation..." (Inserted remarks are NOT in the report.)

<https://nepis.epa.gov/Exe/ZyPDF.cgi/300065H1.PDF?Dockey=300065H1.pdf> (Abstract)

1984: EPA's proposed 100 μ W exposure limit was shot down

It was rumored that the EPA had proposed .00 μ W radiation exposure limit for the general public, which was abruptly and indefinitely postponed due to dissension within and pressure from outside the agency.

Dr. Robert O. Becker's "The Body Electric" p. 313

1984: The WHO's Dr. Repacholi listened to no one

The WHO's first expert panel assembled to consider the possible dangers of electric and magnetic fields associated with power line frequencies was chaired by the now infamous Dr. Michael Repacholi. The panel, even then, recommended that: "efforts be made to limit exposure, particularly for members of the general population, to levels as low as can be reasonably achieved" (known as the "ALARA" principle). Yet, although he headed up the WHO EMF project until he retired in 2007, Dr. Repacholi steadfastly refused to do so.

<http://microwavenews.com/news/who-welcomes-electric-utility-industry-key-emf-meeting-bars-press>

1985: The power of the telecom and TV industry

"Our survival depends on the ability of upright scientists and other people of goodwill to break the military-industrial death grip on our policy-making institutions."

Becker, RO, and Selden, G. The Body Electric: Electromagnetism and the Foundation of Life, (New York: Harper) 1985, p.329.

1986: U.S. EPA

The wireless revolution was just being unleashed when the EPA proposed that pulsed, non-thermal RF/microwave radiation be designated as a Class C (possible) carcinogen – but was slapped down and had its funding cut off.

Microwave News, May/June 1990.

www.bibliotecapleyades.net/scalar_tech/esp_scalar_tech_cellphonesmicrowave09.htm

1986: Non-thermal effects

Health Canada, WHO, ICNIRP and IEEE standards do not protect the public's health because they ignore the pulse-modulation.

www.

1986: U.S. Office of Naval Research

Had funding cut off for research into non-thermal radiation.

Professor Emeritus Martin Pall, PhD

1988: U.S. Air Force acknowledges non-thermal biological effects

Dr. Joel Moskowitz's comment: "The above review demonstrates that the U.S. Air Force understood the risks of exposure to non-thermal levels of microwave

radiation in 1988. Yet in 1996, the FCC adopted regulatory standards created by industry and the military that failed to protect the public from these non-thermal risks.”

www.emfacts.com/2014/09/us-air-force-rf-review-in-1988-acknowledges-non-thermal-biological-effects/

1990: U.S. President Ronald Reagan

He authorized top secret project “Sleeping Beauty” – mind control using radio frequencies to disrupt the human nervous system; unhinge a man’s mind; paralyze ability to reason and react; cause rage, panic, lethargy.

www.teslatech.info/ttstore/report/articles/v1n1art/dark.htm

www.youtube.com/watch?v=PXCPqyGJwvAProject MK Ultra

(Dr. Elizabeth Rauscher, Ph.D) n

1990s: U.S. Military trying to develop non-thermal EW weapons

The U.S. Military admitted to looking for EMR weapons based on non-thermal bio effects.

http://mindjustice.org/2003_survey.htm#9

Mid-1990s: U.S. – Selling frequency spectrum is very rewarding to government

Governments receive hundreds of millions of dollars. Industry has only to pay 10% down; remainder was to be paid from future revenues.

Dr. George Carlo, DVD: Wireless: Popular, Convenient and Hazardous to Your Health

1992: International Commission on Non-Ionizing Radiation Protection (ICNIRP)

Its founders included Dr. Michael Repacholi (while still employed at the WHO and heading up its Environmental Health Criteria Programme), Anders Ahlbom (Sweden) and others. Most of its funding comes from industry and most of its members are engineers who accept the premis that only thermal effects may cause biological effects.

Electromagnetic Biology and Medicine, June 2013; pp. 32(2): 200–208

1992: U.S. Air Force knew the value of non-thermal EW weapons

The horrific biological effects of non-thermal microwave exposure, which included: brain damage, behavioural aberrations, fetal abnormalities, altered blood chemistry and immune system dysfunction, were then known.

www.wi-cancer.info/home.aspx

1993: U.S. – Food and Drug Administration (FDA)

An internal FDA memo stated that data “strongly suggests” that microwave radiation promotes cancer.

www

www.emfanalysis.com/research

1993: U.S. – FCC began adopting the U.S. Military’s standards for EMF radiation

Although the FCC has no EMF scientists of its own (and its five commissioners, including the Chairman are political appointments made by the incumbent president of the U.S.) that agency, together with IEEE, passed a regulation setting the current standards for acceptable limits of EMF radiation – that’s nearly 30 years ago. That is when the FCC started a rule to adopt the IEEE regulations on this issue (meaning IEEE/ICES’ Subcommittees 3 and 4, which are those set for the U.S. Military).

<https://youtu.be/ol3tAxnNccY>

1994: U.S. – The U.S. Military knew dangers to health of radio/microwave frequencies

The U.S. Air Force study stated: “It is known that electromagnetic radiation has a biological effect on human tissue.” It also stated: “There is also evidence that RF/MW radiation can cause cancer.”

On page 5/32, it states: “Damage to major organs, disruption or important biological processes, and the potential risk of cancer represents the dangers of RF/MW radiation to living organizations.” Later, on the same page, it states: “Non-thermal responses can be less noticeable and are often more difficult to explain than thermal effects.” And: “EMFs can interact with the bioelectrical functions of the irradiated human tissue.” The report goes on to list and discuss the many reported biological effects to humans and animals that are exposed to RF/MW radiation.

<https://electroplague.files.wordpress.com/2014/09/rf-microwave-radiation-biological-effects-rome-labs.pdf>

1994: The most dangerous radio and microwave frequencies

Military scientists said: “Microwave energy in the range 1 to 5 GHz, a militarily important range, penetrates all organ systems of the body and thus puts all organ systems at risk. Effects on the central nervous system are considered very important. Frequencies from about 700-1,000 MHz interact most efficiently with human tissue to yield the greatest energy absorption.”

Overton, The Bimonthly Newsletter, March/April 1994

1994: Resonant frequency and humans

The human body will absorb the greatest amount of RF/MW energy from sources radiating at the whole-body resonance frequency. The ANSI (American National Standards Institute) reports that the human body will absorb seven times more energy from radiation emitted at the resonance frequency than at a frequency of 2450 MHz (2.45 GHz).

Approximate resonance frequencies of an average 175 cm. tall man:

- whole-body – 61.8 to 88 MHz
- human head – about 375 MHz;

<https://electroplague.files.wordpress.com/2014/09/rf-microwave-radiation-biological-effects-rome-labs.pdf>
(p. 18 of 32)

AUTHOR’S COMMENT: *this explains why FM radio station frequencies (88 to 106 MHz) are more dangerous to humans than are AM radio station frequencies (550 KHz to 1600 KHz or 1.6 MHz.)*

Motorola scientists also knew the dangers of certain frequencies

Frequencies from about 700 MHz to 1,000 MHz interact most efficiently with human tissue to yield the greatest energy absorption. *Yet today’s cell phones and Smart meters operate within this very range.*

www.icems.eu/docs/Robert_C_Kane.pdf

1994: U.S. Air Force study

Confirmed existence of non-thermal EMF effects, including alterations to the central nervous system and cardiovascular system.

www.emfanalysis.com/research/

1994: U.S. Air Force study shows RF EMR affects behaviour

A review of the scientific literature on RF/MW radiation conducted by the U. S. Air Force Materiel Command (Bolen 1994) concluded that “behaviour may be the most sensitive biological component to RF/Microwave radiation.” Scientists at the University of Washington demonstrated DNA breaks in brain cells of rats resulting from exposure to microwave radiation.

Lai, et al 1995

<https://electroplague.com/2014/09/06/report-usaf-rfmicrowave-radiation-biological-effects-1994/>

1995: U.S. – An esteemed U.S. expert explains why there is corruption

Dr. John Goldsmith, author of “Epidemiological Evidence of Radiofrequency Radiation (Microwave) Effects on Military, Broadcasting and Occupational, 1995”, wrote:

“There are strong political and economic reasons for wanting there to be no health effects of RF/MW exposure, just as there are strong public health reasons for more accurately portraying the risks. Those of us who intend to speak for public health must be ready for opposition that is nominally but not truly, scientific.”

Quoted in Elettromagnetics Forum, 1997, 1 (2), no. 7:

www.emfacts.com/forum/issue2/mag_6.html

1995: U.S. – President Bill Clinton: cell towers and schools

Clinton issued a formal memorandum stating that “transmitter masts (which include cell phone towers) should not be sited on schools or near residential areas.”

<http://media.withtank.com/2f09b4a344.pdf>

September 13, 1995: EPA – corruption in U.S. Senate

EPA’s own research caused them concern about EMR/EMF and wanted to establish guidelines to protect the public, but the U.S. Senate Committee on Appropriations stated: “... EPA should not engage in (electromagnetic field) activities.” EPA then had its budget cut drastically

activities. EPA then had its budget cut drastically.

www.sandiegoreader.com/news/2011/may/18/citylights2-cell-phone-tower/?page=2&

1996: U.S. – Telecommunications Act (TCA)

U.S. President Clinton signed the Telecommunications Act into law, which is said to be the most lobbied bill in history. Section 704 of the TCA states that no health or environmental concern can interfere with the placement of telecom equipment (e.g., a cell phone tower). Industry can sue governments.

5G Apocalypse – The Extinction Event

1996: U.S. – The power of industry lobbyists in Washington

The EPA announced that it intended to protect against non-thermal effects and would have appropriate “safe” exposure limits for RF EMFs ready in 1998. Then CTIA lobbied Congress to prohibit EPA from releasing the report. EPA was defunded that year.

<https://ehtrust.org/policy/fcc-safety-standards/report>

August 1, 1996: U.S. – FCC adopted IEEE/ICES Sub Committee 4 guidelines for RF EMFs

One must remember that the FCC has no EMF scientists of its own. This agency simply adopts the guidelines developed by IEEE/ICES for the U.S. Military and the U.S., and re-promulgates them to the world as if they were FCC’s own standards. (See below).

<https://people.seas.harvard.edu/~jones/cscie129/pages/health/fccregs.htm>

www.rfcafe.com/references/electrical/fcc-maximum-permissible-exposure.htm

Western regulatory agencies all adhere to the U.S. Military’s “thermal effects ONLY” mantra:

- **IEEE** - is the largest professional association in the world, predominantly engineers. Within IEEE is its U.S. Military-dominated internal committee ICES, Technical Committee-95 (TC-95). Subcommittee 3 sets the “safe” levels with respect to human exposure to EMFs for frequencies 0 – 3 kHz, whereas Subcommittee 4 sets them for frequencies 3 kHz to 300 GHz. IEEE’s stated goal is to have other organizations adopt its “safe” exposure limits or at least blend theirs with ICNIRP and the WHO.

www.ices-emfsafety.org/wp-content/uploads/2018/08/TC95-Minutes-SC3-SC4-January-2018.pdf

- **FCC** - its Chairman and four Commissioners, none of whom is a scientist, are appointed by the incumbent U.S. President. The FCC's job is to regulate the telecommunications industry. In 1996, the FCC adopted the Maximum Permissible Exposure (MPE) limits for RF emissions in the 300 kHz to 100 GHz. It also adopted the Specific Absorption Rate (SAR) limits for cell phones, which is 1.6 watts per kilogram (1.6 W/kg). In reality, though, the FCC simply adopts the "safe" exposure limits for ELF, EMF and RF EMR determined for the U.S. Military by ICES TC95 SC3 and SC4, respectively, which are then promulgated to the world as if they were FCC's own standards.

www.fcc.gov/general/radio-frequency-safety-0

- **WHO** – Its "safe" exposure limits for RF EMR were set by the notoriously corrupt Dr. Michael Repacholi, who previously had set the same atrociously-high U.S. Military "standard" first, for Health Canada's Safety Code 6 (in 1979), then for ICNIRP (in 1998, see below) and, thirdly, for the WHO, prior to 2006. Tellingly, both Health Canada and the WHO recommend ICNIRP's "guidelines" to other countries and urge them to follow suit.
- **ICNIRP** – It was created in 1992, principally by Dr Michael Repacholi (who was then heading up the WHO's International EMF Project) and Prof. Anders Ahlbom, (then of Sweden's Karolinska Institute) plus others. Although ICNIRP has always boasted that it was a totally independent science-based research organization, it has long been known to be extremely industry-friendly. Tragically, many countries of the world naively adopted ICNIRP's "safe" exposure limits, which, of course, are based on the "thermal effects ONLY" mantra.
- **Health Canada** – It adopted the U.S. Military's "thermal-effects ONLY" mantra in 1966. Moreover, Health Canada has never seen fit to establish ANY safe exposure limit guidelines for ELF (power line) EMFs, saying that none are needed. (Health Canada forgets that in 2001, the WHO had classified power line EMFs a Class 2B or "Possible human carcinogen.")

The REAL power brokers within the U.S. MIC are:

- **The U.S. Military** (through IEEE/ICES and FCC)

- **IEEE/ICES** (see above)
- **FCC** (see above)
- **CTIA** This American national non-profit membership organization is based in Washington, D.C. and represents wireless carriers, suppliers, and manufacturers of wireless data services and products. Very powerful/influential lobbyists.
- **CWTA** (the Canadian Wireless Telecommunications Association). It claims to be the “authority on wireless issues, developments and trends in Canada.” It represents cellular, PCS, messaging, mobile radio, fixed wireless, and mobile satellite carriers as well as companies that develop and produce products and services for the industry. It lobbies all governments across Canada.
- The **Wireless and Telecom Industries** in the Five-Eyes intelligence gathering community.
- **Electric Power Generation Utilities** (in the same Five Eyes countries).

1999: RF Directed Energy Weapons (RF DEW)

Modulated RF signals have the ability to disrupt electronically controlled systems ranging from Command and Control computer systems to the engine management systems of modern vehicles.

<https://apps.dtic.mil/dtic/tr/fulltext/u2/a372215.pdf> (p. 39)

1999: Mind control, how vulnerable humans are

By using a very weak pulsed signal of just 0.75 mW/cm² on 450 MHz it is possible to control ALL aspects of human behaviour.

www.rense.com/general17/imp.htm

1999: High-powered microwave weapons

HP weapon research is generally limited to 100 MHz to 35 GHz range because moisture in the atmosphere has very little effect on a signal in this frequency range and is why most communications, navigation and radar devices operate there.

www.stopthecrime.net/docs/high%20power%20brundeman.pdf (p.11 of 41)

2000: High Altitude Auroral Research Project (HAARP) and human brain

THE EFFECTS OF HAARP ON THE HUMAN BRAIN AND THE ENVIRONMENT

The ELF waves which HAARP can produce include the exact same dominant frequencies on which the human brain functions (0 Hz to 150 Hz). As mentioned earlier, these waves have a documented effect of entraining the brain to induce negative emotions such as anger, fear, disgust, rage, and depression.

www.newworldwar.org/weatherwar.htm

www.ncbi.nlm.nih.gov/pmc/articles/PMC4269223/

November 9, 2001 (“9/11”) – U.S. – Susan Lindaur, CIA whistleblower

She was arrested under the Patriot Act. According to her, motivation for 9/11 was to create a reason to go to war with Iraq. It was authorized by U.S. President George W. Bush, VP Richard (Dick) B. Cheney and Defense Secretary Donald Rumsfeld.

www.fbcoverup.com/docs/cyberhijack/cyber-hijack-findings.html#judicial-conference-mutual-fund-scam

<http://911truth.org/top-40-reasons-doubt-offical-story/>

2002: U.S. – The FCC has no conscience

Remember: FCC are politically-appointed non-scientists.

FCC set public exposure limits for microwave radiation at levels at least 10,000 times higher than levels which, according to the EPA, were known to be causing illnesses all over the world.

<http://apps.fcc.gov/ecfs/document/view?id=7520941798>

<http://lifeenergies.com/he-emr/>

2003: IEEE/ICES

The IEEE have influenced world standards since the 1960s, through its internal committee, ICES, whose chairman is ex-Motorola’s C.K. Chou and its members are:

- U.S. Army
- U.S. Air Force
- Motorola
- Nokia
- Siemens
- Alcatel-Lucent
- Bell

In 2006, they even recommended raising exposure limits

in 2000, they even recommended raising exposure limits.

2003: The U.S. Military

The U.S. Military is at the core of this decades-old fight to have the entire world adopt its dangerously high radiation exposure limits. “The existence of varying standards throughout the world impedes free trade. Both ICES and ICNIRP have been working with WHO towards international harmonization of standards” which includes Health Canada’s Safety Code 6.

www.engineering.dartmouth.edu/~d25559k/engg168_files/papers/Historical%20review%20of%20RF%20ex

2004: The corrupt U.S. MIC attempts to sell its “thermal effects ONLY” dogma to Asia

Dr. Michael Repachol not only was the lead player in establishing the “safe” RF radiation exposure limits for all three organizations, Health Canada, ICNIRP and the WHO, he also was very familiar with all three branches of the U.S. military, and with both the electric power generation and the telecom industries. On behalf of the WHO, for whom he was head of the International EMF Project, he and two others organized the Asia-Pacific Conference on EMFs, Research, Health Effects and Standards Harmonization in Thailand. The other co-organizers were the U.S. Air Force Research Laboratory Directed Energy Bio effects Division and Thailand’s Ministry of Public Health. The many sponsors of that meeting included the WHO, Health Canada, the U.S. Air Force and the U.S. Army.

AUTHOR’S COMMENT: *One can’t but notice the heavy presence of U.S. military research participants. Nor the presence of C.K. Chou, then head of Motorola’s research, now Chairman of IEEE/ICES’ SC3 and SC4. Nor that of Dr. Art Thansandote, then of Health Canada, who is and has been (for at least the past ten years) Co-chairman of ICES’ SC4. Nor of Dr. Mays Swicord, then of Motorola, now a member of ICES and very active champion of the thermal-ONLY effects. Nor of Dr. Leeka Kheifets, Professor at the UC Los Angeles. And both the electric power generation and telecom industries were there.*

www.who.int/peh-emf/meetings/archive/en/bangkok04_proceedings.pdf

2004: U.S. arms industry influence on White House policies:

Senator John McCain, Chairman of the Senate Commerce Committee best summed it up when he said, “we have seen compelling evidence that there is an

summed it up when he said, “we have seen compelling evidence that there is an incestuous relationship between the defense industry and defense officials that is not good for America.”

www.worldpolicy.org/projects/arms/reports/TiesThatBind.html

2005: U.S. – ICES TC-95. SC4 members included:

- Dr. Michael Repacholi (Employers included: Health Canada; the WHO; and, ICNIRP.)
- Dr. James McNamee (Health Canada)
- Dr. Art Thansandote (employers included, simultaneously: Health Canada and ICES)
- Dr. Mays Swicord (U.S. Food and Drug Administration, then moved to Motorola)
- Dr. William F. Bailey (Exponent)

https://elibrary.gsfc.nasa.gov/assets/doclibBidder/tech_docs/19.%20IEEE%20C95.1%20-%20Copy2.pdf
p. 10

October 2005: U.S. – EPA stripped of EMF work

The Senate Committee on Appropriations has cut \$350,000 from the EPA’s budget, because, “The committee believes EPA should not engage in EMF activities.”

<https://ehtrust.org/epa-recommendations-and-reports-on-cell-phones-radiofrequency-and-electromagnetic-fields/>

c-2008: U.S. President Bill Clinton said:

“Sarah, there’s a government inside the government, and I don’t control it.”

As quoted by senior White House reporter Sarah McClendon in reply to why he wasn’t doing anything about UFO disclosure.

2010: U.S. President Barack Obama’s Cancer Advisory Panel

The panel identified the question of children’s and adolescents’ risk from using wireless devices as the most pressing issue.

<http://electromagnetichealth.org/electromagnetic-health-blog/oc-ny/>

2011: U.S. – Industry sets “safe” exposure limits for

U.S. Military, the U.S. and its allies

The IEEE's internal committee, ICES Technical Committee (TC-95), subcommittee 4, determines the "safe" exposure limits for RF EMR (i.e. frequencies between 3 kHz and 300 GHz) for the U.S. Military, the U.S. and for all Five Eyes Alliance member countries (which can be seen in Canada's Safety Code, 6).

AUTHOR'S COMMENT: *Although public pressure caused Health Canada to reduce SC6 in 2015 some 66 times, non-industry scientists globally say that SC6 is still dangerously high.*

Noteworthy members of this omnipotent, military-sensitive subcommittee include:

1. Dr. William Bailey, Exponent Inc. USA ("Exponent" is known to be a product defense firm that defends electric utilities and telecom companies world-wide, all of whom recognize ONLY the hazardous thermal effects of electric and magnetic, and electro-magnetic radiation fields. Dr. Bailey, himself, is a key member of both ICES SC-3 and SC-4).
2. Dr. Linda Erdreich, Exponent Inc. USA (She too is a member of ICES)
3. Dr. Yakov Shkolnikov, Exponent Inc. USA (as is he)
4. Dr. Art Thansandote, Health Canada – continues as co-chairman of ICES SC-4, which he has been for at least the past ten years (as of 2019).
5. Dr. James McNamee, Health Canada – in 2018 was the lead author for Health Canada/Safety Code 6. (Is also a member of ICES)
6. Dr. Pascale Bellier, Health Canada
7. Dr. Josette Gallant, Industry Canada

ICES (SCC-39) Annual Report: 2011 – 2012

2011: Europe – Nations are urged to adopt the precautionary principle

The Council of Europe (47 countries, 800 million people) abandoned today's "western-sponsored" dangerously high radiation "safety" limits in order to protect its people. Europeans are now urged to adopt the "precautionary principle," but western alliance countries refuse to protect their citizens.

J.G. Flynn, Captain (retired) Signals Intelligence and Electronic Warfare Specialist

May 22, 2011: Head of International Agency for Research on Cancer (IARC) dropped from RF cancer

RESEARCH ON CANCER (IARC) DROPPED FROM RF CANCER panel

The IARC removed Professor Anders Ahlbom as Head of IARC'S RF task group on epidemiology when it was discovered that he was a director in his brother's consulting firm, Gunnar Ahlbom AB, which was established to help clients on telecom issues, etc.

<https://microwavenews.com/news-center/iarc-rf-cancer-review-ahlbom-affair>

<https://microwavenews.com/Ahlbom.html>

2011: Sweden – Anders Ahlbom ejected from the Swedish Radiation Protection Agency

Specifically, he was asked to leave an advisory board of the SRPA. Ahlbom was a member of ICNIRP from 1998 to 2008, where he participated in setting radiation recommendations for cell phone use. These were adopted by many countries. He presently serves ICNIRP in an advisory role, which he has not vacated.

www.eiwellspring.org/misc/AndersAhlbom_2011.pdf

FCC Frequency spectrum auctions

- 2011 – \$33 billion

www.broadcastingcable.com/article/463971-

[CEA CTIA Broadcast Spectrum Auctions Could Clear 33 Billion or More.php](http://www.broadcastingcable.com/article/463971-CEA_CTIA_Broadcast_Spectrum_Auctions_Could_Clear_33_Billion_or_More.php)

- 2010 – \$120 billion due to “iPad boom”

www.electronista.com/articles/10/10/22/fcc.says.ipad.helping.spark.wireless.spectrum.rush

- 2008 – \$20 billion

www.thestreet.com/story/10408536/fcc-spectrum-auction-nears-20-billion-html

2012 – Health Canada and IEEE – Complicity and Corruption

Health Canada's own senior radiation protection scientist, Dr. Art Thansandote is, and has been for many years, co-chairman of IEEE's internal committee ICES' TC95 Subcommittee 4, which is THE group that sets the “safe” exposure limits for the U.S. Military. which also apply to the U.S.. for frequencies 3 kHz –

300 GHz.

2012 - 2016: ICES TC95, Subcommittee 3

SC3 sets the U.S. Military's and the U.S.'s "safe" exposure limits for 0 to 3 kHz, which were adopted in 1966 by all Five Eyes countries, including Canada.

Noteworthy members included:

- Drs. William Bailey, Linda Erdreich and Yakov Shkolnikov of Exponent Inc.
- Drs. Art Thansandote, James McNamee and Pascale Bellier of Health Canada
- Dr. Josette Gallant, Hughes Nappert of Industry Canada
- Daniel Goulette, Hydro Quebec
- Richard Link, Radiation Safety Institute of Canada
- Mays Swicord, Mays Swicord Consulting
- In 2016, Dr. Rodney Croft, ICNIRP (see SC4, year 2016, entry below)

2012 - 2016: ICES TC95, Subcommittee 4

SC4 sets the U.S. Military's and the U.S.'s "safe" exposure limits for 3 kHz to 300 GHz, which were adopted in 1966 by all Five-Eyes countries, including Canada.

Noteworthy members in 2012 included:

- Drs. William Bailey, 2) Linda Erdreich and 3) Yakov Shokolnikov of Exponent Inc. USA.
- Drs. Art Thansandote, 2) James McNamee and 3) Pascale Bellier of Health Canada; and
- Josette Gallant of Industry Canada.
- In 2016, Dr. Eric van Rongen, simultaneously was a member of ICES SC3 and SC4, of ICNIRP, of the WHO's International EMF core group for drafting RF EMF guidelines, and of the Swedish National Radiation Protection Authority, as well as President of the European Bioelectromagnetics Association.
- In 2016, Dr. Rodney Croft was a member of both ICES SC4 and ICNIRP

www.icnirp.org/cms/upload/publications/ICNIRPThermalDamage.pdf

August 2012: U.S. – Government Accountability Office (GAO) urged FCC to review RF standards

The U.S. GAO recommended that the FCC “should formally reassess and, if appropriate, change its current RF energy exposure limit and mobile phone tested requirements ...” The letter also said: “... it is unacceptable that six years later the FCC still has not conducted a reassessment of its 1996 guidelines.”

www.gao.gov/products/GAO-12-771

2012: IEEE’s goal: to get world to adopt its radiation exposure standards

Dr. B. Jon Klauenberg (U.S. Air Force researcher and long-time member of ICES) was awarded the IEEE SA International Standards Award Dec. 2011 for helping to convince world bodies and international agencies of the rigor, benefits, and provenance of IEEE Standards. (Which rigidly adheres to the thermal effects ONLY mantra.)

www.ices-emfsafety.org/documents/publications/ICES_Annual_Report_2011-12.pdf

2013: Directed energy weapons (DEW)

DEW refers to high and low power pulsed microwave devices that use low-frequency microwave radiation.

The heart, lungs and other vital organs are controlled by very low voltage electronic signals from the human brain. It should be possible to disrupt, potentially catastrophically, such signals from a distance using this technology.

AFRL-SA-WP-SR-2013-003 (p. 18)

April, 2013: ICNIRP – conflicts of interest

In addition to its inaugural Chairman, Dr. Michael Repacholi, whose corruption is legendary, a disproportionate number of ICNIRP’s members have been found to be in conflict due to their historical ties to industry, e.g., Dr. John Moulder, Prof. Anders Ahlbom, Dr. Alexander Lerchi.

www.microwavenews.com/fromthefiel

www.safeinschool.org/2013/04/conflict-of-interest-influences-emf.html#whoottawa

June, 2013: FCC’s Chairman: Tom Wheeler (2013 - 2017)

- ,
- Vigorously championed, almost threateningly, 5G technology.

www.c-span.org/video/?411277-1/fcc-chair-tom-wheeler-delivers-remarks-5g-networks

- Purportedly raised >\$700 million for U.S. President Obama's two election campaigns.
- 2009 – Inducted into “Cable Hall of Fame”. He is the ONLY person to be in the hall of fame of both industries.
- 1992-2004: President/CEO of CTIA. While at CTIA, his own scientists told him that cell phones were causing brain tumors. He buried the data and fired the scientists.
- 2003 – He was inducted into the “Wireless Hall of Fame.”
- 1979-1984: Pres/CEO of National Cable TV Assn. (NCTA)

Tom Wheeler was inducted into Hall of Fame.

www.salon.com/2013/06/13/cellphones_health_risks_go_way_beyond_brain_cancer_partner/

www.cablecenter.org/honorees-2009/tom-wheeler.html

2014: Canada – Proof the Government of Canada abandoned its people for the U.S. Military

Dr. Art Thansandote, a Health Canada senior radiation protection scientist, is also – as he has been for many years – co-chairman of the U.S.'s (military-led) ICES' Sub-Committee 4, which establishes the U.S.'s egregiously high radiation exposure limits – that are similar to Health Canada's Safety Code 6.

www.ices-emfsafety.org/committees.php

2014: Global – Corruption in WHO's research arm continues

The 650-page World Cancer Report 2014 produced by the WHO's IARC, predicts new cases of cancer world-wide will increase from 14,000,000 to 22,000,000 annually by 2020, yet scarcely mentions EMR as a possible cause of cancer; whereas independent scientists are convinced it is a probable if not a DEFINITE cause.

www.infowars.com Posted by Adan on April 1, 2014 @ 10:15 am In Medical Tyranny

2014: WHO's biggest contributors

- 1) The U.S.; and,
- 2) Bill and Melinda Gates Foundation.

<https://takebackyourpower.net/who-knew-the-elephant-in-the-room/>

2014: Money/Lobbyists

In all, CTIA, Verizon, AT&T, T-Mobile U.S., and Sprint spent roughly \$45 million lobbying in 2013.

Overall, the communications/electronics sector is one of Washington's super heavyweight lobbyists, spending nearly \$800 million in 2013-2014, according to data from the Centre for Responsive Politics (CRP).

www.saferemr.com/2015/06/an-expose-of-fcc-agency-captured-by.html

<https://thehill.com/business-a-lobbying/business-a-lobbying/362796-analysis-more-than-6000-lobbyists-have-worked-on>

Countries act to protect their citizens – but not Canada or U.S.

Internationally, entire countries such as France, Belgium, Liechtenstein, Switzerland, Germany, Austria, Finland, and Israel are taking precautions to protect their citizens from the dangers of wireless exposure.

www.change.org/p/we-say-no-to-wireless-smart-meters-in-the-state-of-virginia

November, 2014: U.S. Government reaped \$34 billion selling frequencies to industry

Seventy companies competed to buy these frequencies for their use:

- 1695 – 1710 MHz (15 MHz wide)
- 1755 – 1780 MHz (25 MHz wide)
- 2155 – 2180 MHz (25 MHz wide)

www.nytimes.com/2014/11/23/business/media/bidding-in-government-auction-of-airwaves-reaches-34-billion.html? r=1

2015: FCC is a “captured” agency

- The FCC is dominated by the industries it is supposed to regulate.

https://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf

- The FCC is headed up by five Commissioners appointed by the incumbent U.S. president: three from the party in power; two from the “other” party.
- It has no EMR/EMF scientists of its own.
- Its primary function is to promote telecommunications technologies by licensing providers of these technologies.
- The FCC began its review of safety limits in March, 2013.

<http://microwavenews.com/>

2015: The revolving door between the FCC and industry

Tom Wheeler, former Head of CTIA and NCTA, is now FCC Chair. Meredith Atwell Baker, former FCC Commissioner, is now head of CTIA. Michael Powell, former FCC Chair, is now head of NCTA.

Jonathan Adelstein, former FCC Commissioner, is now head of PCIA, the Wireless Infrastructure Association.

www.saferemr.com/2015/06/an-expose-of-fcc-agency-captured-by.html

June 2015 – All in the Family

ICES, ICNIRP, WHO, US Military – incestuous corrupt task group formed.

www.ices-emfsafety.org/wp-content/uploads/2016/05/TC95-SC4-2015-june_minutes.pdf

William Bailey (Exponent), Bushberg, Chou (ICES Chairman), Michael Repacholi to review results. (p. 6 of 127)

May, 2016: Active Denial System (ADS)

The U.S. Military has a non-lethal device that fires a high-powered beam of 95 GHz (millimetre wave) radiation, which does not penetrate but burns the skin, causing crowds of people to disperse.

<https://jnlwp.defense.gov/Press-Room/Fact-Sheets/Article-View-Fact-sheets/Article/577989/active-denial-technology>

2016: Sperm damage caused by RF EMR

Twenty-one of 27 studies found negative consequences.

www.ncbi.nlm.nih.gov/pubmed/27601711

c-2016: Global – Corrupt Government-corporate complex

Complex

Sometime in the past few years, the feared U.S. MIC that U.S. President Dwight Eisenhower warned the American people about in 1961, has now morphed into a much larger, far more dangerous and corrupt Government-corporate complex (GCC) that now literally threatens all life on earth – because of their gross ignorance of EMFs and insatiable greed.

Captain (Retired) J.G. Flynn

August 8, 2016: The tyrannical FCC

Ignores >800 appeals calling for them to adopt more rigorous RF standards to protect the public, and thousands of studies that show a wide range of health effects, including increased cancer risks, etc. from exposure to low intensity non-thermal microwaves. Instead, the FCC maintains its 30+ year old thermal-only standards.

Joel Moskowitz, PhD

Jan, 2017: New FCC chairman

Ajit Pai, Verizon's associate general counsel from 2002-2003, was appointed by U.S. President Donald Trump to replace Tom Wheeler.

<http://deadline.com/2017/01/donald-trump-names-ajit-pai-fcc-chairman-1201892758/>

December, 2017: U.S. Government – lobbying

Congress took \$101 million in donations from the internet service provider (ISP) industry. See how much each U.S. lawmaker got. Comcast, Verizon, AT&T, and others spread their money far and wide to influence government.

www.theverge.com/2017/12/11/16746230/net-neutrality-fcc-isp-congress-campaign-contribution

January, 2018: Radio/Microwave EMR causes cancer

Studies of Israeli, Polish, Belgian, U.S. and Korean navy veterans concluded that:

- ICNRIP guidelines don't protect people and need to be replaced with biologically based (non-thermal) exposure limits.
- RF EMR is, and should be classified, a Group 1 Carcinogen.

<http://electromagneticsafeplanet.com/wp-content/uploads/2018/04/Radiofrequency-radiation-related-cancer-and-causation-in-the-military-setting.pdf>

January, 2018: U.S. – U.S. Military wants world to

January, 2018: U.S. – U.S. Military wants world to adopt its “thermal-effects ONLY” dogma

The U.S. Military-sponsored ICES encourages international harmonization of RF safety limits, especially between ICNIRP and ICES.

www.ices-emfsafety.org/wp-content/uploads/2018/08/TC95-Minutes-SC3-SC4-January-2018.pdf

AUTHOR’S COMMENT: Notice the participation of William Bailey, of Exponent and ICES, Ken Foster of ICES and Art Thansandote of ICES and Health Canada, all three of whom have had involvement with Health Canada and Safety Code 6.

June, 2018: U.S. – Former U.S. President Jimmy Carter called it “legalized bribery”

U.S. weapons makers spend far more money on lobbying and campaign contributions than the domestic gun lobby: \$162 million on lobbying and tens of millions in direct funding for members of Congress in the 2017-18 election cycle.

www.commondreams.org/views/2018/06/07/how-war-industry-corrupts-us-congress

September 21, 2018: Microwave weapons

Doctors and scientists suspect microwave weapons caused mysterious brain-related ailments of U.S. embassy workers in Cuba and China.

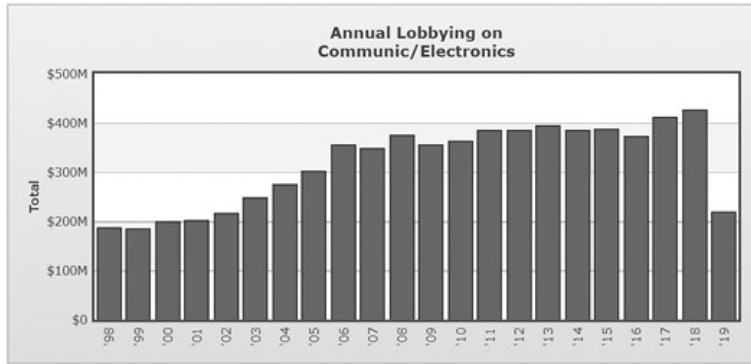
www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

December 29, 2018: Czech Republic Prime Minister bars use of Huawei and ZTE equipment

On the advice of its Czech National Cyber and Information Security Agency, the Prime Minister warned his government against using Huawei and ZTE, saying they posed a national security threat.

www.scmp.com/news/china/diplomacy/article/2179833/czech-prime-minister-hits-back-chinese-diplomats-huawei-claims

2018: Lobbying Congress



Total for Communications/Electronics: \$425,341,932
 Total Number of Clients Reported: 616
 Total Number of Lobbyists Reported: 2,030
 Total Number of Revolvers: 1,436 (70.7%)

Industry	Total spending
Electronics Mfg & Equip	\$147,451,718
Telecom Services	\$93,350,300
Internet	\$76,559,126
TV/Movies/Music	\$59,358,011
Telephone Utilities	\$34,972,036
Printing & Publishing	\$13,010,741
Misc Communications/Electronics	\$640,000

January 21, 2019: Telecom industry and the FCC are corrupt

Michigan State Senator, Patrick Colbeck says acceptable level of 5G radiation has been rigged by the telecom industry and is a huge health hazard. Colbeck has impressive technology credentials, including working on the space station and monitoring electromagnetic interference.

He is opposed to rolling out 5G technology because its high radiation levels can cause cancer and autism. Colbeck says the legal process for stopping 5G installations at the local level is rigged, because it relies entirely on safety standards set by the FCC, which now is staffed by former telecommunications insiders.

<https://needtoknow.news/2019/01/michigan-state-senator-says-acceptable-level-of-5g-radiation-has-been-rigged-by-telecom-industry-and-is-huge-health-hazard/>

January 25, 2019: U.S. Commerce Committee accuses FCC of colluding with Big Wireless

The U.S. House Commerce Committee says that the FCC, the U.S. telecoms regulator, is accused of colluding with companies it is supposed to oversee in order to protect a controversial decision over new 5G networks.

www.theregister.co.uk/2019/01/25/fcc_accused_of_colluding/

February, 2019: U.S. – “The FCC is a Captured Agency”

The FCC has strategically hijacked the legal system and silenced all potential threats to the 5G infrastructure rollout. There is even a book, entitled: *Captured Agency: How the FCC is Dominated by the Industries it Presumably Regulates,*” By Norm Alster.

<https://youtu.be/ol3tAxnNccY>

March 15, 2019: Global – The “ICNIRP cartel” and the “5G mass experiment”

“Investigate Europe,” a team of investigative journalists from the EU examined the risks of deployment of 5G mobile phone technology and the adequacy of EMF safety guidelines promoted by ICNIRP. To date the team has published 16 articles in major newspapers and magazines in seven EU countries: France, Germany, Italy, Netherlands, Norway, Poland and Portugal. The team identified a group of 14 scientists who either helped create or defend the EMF exposure guidelines disseminated by ICNIRP. By preserving the ICNIRP EMF guidelines favoured by industry, the cartel ensures that the cellular industry will continue to fund health effects research. Besides these 14 scientists, perhaps several dozen EMF scientists in the EU and other countries actively defend the ICNIRP exposure guidelines.

www.who.int/peh-emf/meetings/archive/welcome_update_iac2005.pdf

<http://bit.ly/ICNIRPcartel-031519>

www.investigate-europe.eu/publications/the-5g-mass-experiment/

2019: Global – Your personal data is sold world-wide

The Urjanet Utility Data Platform is connected to more than 5,000 electric, natural gas, water, waste, cable, and telecom providers all over the world. For example, in British Columbia, Canada, BC Hydro and Fortis are clients. Just enter your utility’s name in Urjanet’s website and see.

<https://urjanet.com/utility-data/>

April 15, 2019: U.S. – Second U.S. Court order

April 15, 2019: U.S. – Second U.S. Senator seeks reassurance from FCC that 5G is safe

U.S. Congressman Peter A. Defazio wrote a letter to FCC Chairman Ajit Pai on behalf of his constituents who are concerned about the possible adverse effects from upcoming 5G technology. The letter urged the FCC to be more transparent about RF research and its guidelines on RF exposure limits.

<https://ehtrust.org/another-congressperson-seeks-answers-from-the-fcc-and-fda-on-5g-radio-frequency-health-impacts/>

May 30, 2019: Technotyranny: The iron-fisted authoritarianism of the surveillance state

“The ultimate goal of the NSA (US National Security Agency) is total population control.” Read this disturbing article.

www.activistpost.com/2019/05/technotyranny-the-iron-fisted-authoritarianism-of-the-surveillance-state.html

June 14, 2019: U.S. – Highly-dangerous hackers have probed the U.S. power grid

Known as “Xenotime” or the “Triton actor” (after their signature malware), the hacker’s malware, called Triton, was designed to disable the so-called safety-instrument systems at Saudi Arabian oil refinery Petro Rabigh in a 2017 cyberattack, with the apparent aim of crippling equipment that monitors for leaks, explosions, or other catastrophic physical events. Experts have said that Xenotime, “easily is the most dangerous threat activity publicly known.” Xenotime has probed the networks of at least 20 different U.S. electric system targets, including every element of the grid from power generation plants to transmission stations to distribution stations.

www.emfacts.com/2019/06/the-highly-dangerous-triton-hackers-have-probed-the-us-grid/

August 8, 2019: U.S. – FCC decided changes are not needed to its safety limits for RF EMF radiation

“After six years of study, the FCC has decided not to revise its current safety limits for RF radiation. The rules, which were first adopted in 1996 and are the only ones governing cell phone exposures in the U.S., will continue to be based only on thermal effects.”

“ We have seen compelling evidence that there is an incestuous relationship between the defense industry and defense officials that is not good for America.” ”

SENATOR JOHN McCAIN

Chapter 10: Non-Thermal Effects of Pulsed RF EMR and Safety Code 6

These are the hazardous biological and health effects of “pulsed” non-thermal RF EMR (radio frequency electro-magnetic radiation) within the frequency range 3 kHz – 300 GHz, which the human body cannot detect or sense. Wireless radio products, devices, gadgets such as AM/FM radio and TV towers, CB, amateur radio, radar and other transmitting towers, baby monitors, Smart meters, Smart appliances, Smart phones, cordless phones, cell towers, Wi-Fi routers, TETRA radio systems, microwave ovens, Wi-Fi and WiMAX zones, Bluetooth devices, tablets, laptop and desktop computers, wireless keyboards and mice, wireless speakers, fitness watches, remote control units, automobile collision avoidance systems, self-driving vehicles, TV games, household security systems, etc., all emit hazardous, non-thermal RF EMFs. Except for AM radio, all of the other wireless products emit “pulsed” non-thermal RF EMF, which is known to be more hazardous to humans than is non-pulsed EMF radiation.

So too do the almost two thousand satellites (including 33 GPS satellites) currently irradiating earth from space, which are expected to grow to well over 23,000, and will be joined by thousands of high altitude balloons Google has planned. At least 20,000 of these satellites are designed to irradiate every inch of earth with new, untested 5G, higher microwave frequencies using high-powered, phased-array antennas. It is important to note that not one of these terrestrial or space-based devices – including baby monitors – has ever had to undergo independent testing (by qualified experts having no ties to industry) to ensure they are safe to be used by, on and around people of all ages, of all sizes, of all levels of wellness continuously on an ongoing basis.

Even more ominous for mankind, the corrupt U.S. MIC that Americans were warned to be on guard against has morphed into a larger, more dangerous and equally-corrupt Government-corporate complex (GCC). It and its western allies (including Health Canada) stubbornly recognizes and promotes the highly profitable but hazardous “thermal effects ONLY” dogma (see below).

<https://youtu.be/MCe0rqyBcw>

www.emf-risks.com/2013/09/1973-report-researching-effects-of.html

AUTHOR’S COMMENT:

- By adhering to this “thermal effects-ONLY” dogma (which publicly refuses to recognize that there are hazardous non-thermal effects from power line EMFs and pulsed RF EMR) it enables unconscionably-greedy, immoral, irresponsible governments and profit-driven wireless and telecommunications companies and electric power utilities to use and sell their hazardous but extremely profitable technologies – all of which emit non-thermal EMFs – with impunity, without any need to consider the health and safety of humans.
- By adopting the U.S. Navy’s 1953 dangerously high “safe” exposure limits for RF EMR, it enables industry to produce and sell to an unsuspecting public all of today’s extremely profitable wireless products, gadgets and devices, all of which emit or radiate dangerously-high levels of pulsed non-thermal EMR – not one of which has been independently tested for safety to humans.
- Because Safety Code 6 does not even mention extremely low frequency (ELF) or “power line frequency” (50 Hz/60 Hz) EMFs, even though the WHO’s research arm IARC classified it a Class 2B (“possible” cause of cancer) in 2001. By ignoring this, it enables electric power utilities to install/erect their power lines, substations and power transformers dangerously close to schools, homes, hospitals, nursing homes, etc., thereby saving the utilities billions of dollars in real estate costs they otherwise would have to spend in order to separate their hazardous infrastructure at legitimately safe distances from the public.
- It also staves off a while longer the inevitable tsunami of class action lawsuits that will come, as happened with the tobacco, asbestos, Thalidomide and other crimes.

Illnesses linked to EMFs/EMR

Leukemia, breast, brain, thyroid, pancreatic, liver, testicular, colon and other forms of cancer, brain tumors, neurological conditions, ADD, Autism, Alzheimer’s, Parkinson’s, Sudden Infant Death Syndrome (SIDS), miscarriages, depression, suicides, sleep disorders, cognitive problems, cardiovascular irregularities, hormone disruption, immune system disorders, metabolism changes, stress, fertility impairment, increased blood-brain barrier permeability, mineral disruption, DNA damage, tinnitus, asthma, etc.

Historical Facts

1901: American Medical Association (AMA) gained power over how medicine was practised throughout America

www.truthwiki.org/american-medical-association-ama/

Early 1900s: U.S. – 60 Hz electricity and diseases

Dr. Sam Milham, a physician and epidemiologist and author of “Dirty Electricity” said: “At the turn of the century, if you lived in New York City or most of the other cities in the country, your average life expectancy was low-50s. If you were Amish and didn’t use electricity or if you lived in rural Mississippi or rural New York State, your longevity was in the 70s. Fast forward to the 1930s ... the urban cancer (mortality) was 50 to 80 percent higher than the rural cancer mortality. That’s enough to blow your mind. It’s internally consistent.”

articles.mercola.com/sites/articles/archive/2017/

Late 1920s-early 1930s: U.S. – The cancer cure that worked

- In 1929, Dr. Royal Raymond Rife, PhD conceived, designed and developed the world’s most powerful microscope – said to magnify germs never seen before up to 17,000 times.
- In the early ‘30s, he conceived, designed and developed the “Rife” frequency generator to kill the various bacteria (each of which has its own unique frequency).
- Using both machines, Rife was able to destroy the typhus bacteria, the polio virus, the herpes virus, the cancer virus and other viruses in a culture and in experimental animals.
- Later, Rife cured 14 of 16 certified, terminally ill patients of their various cancers and other diseases within three months.
- Following their unsuccessful attempts to “buy out” Rife and his technology, the AMA and other special interest groups decided to crush him.

www.healthrecoveryystems.co.nz/images/File/Rife%20story.pdf

1930s: U.S. – Influence of the AMA

German and U.S. physicians used non-thermal radiation in “short wave diathermy” which alarmed the AMA as it could weaken its influence over the

diathermy, which alarmed the AMA as it could weaken its influence over the medical profession through science. In 1935, the AMA rejected outright the existence of non-thermal effects of short wave diathermy and discouraged its use.

The Microwave Debate. Nicholas H. Steneck, pp. 74-76

1933: Russia – Research

Russia began systematically studying electromagnetic bio effects (i.e., non-thermal effects) on all life forms: plants, animals and people. They found harmful effects from even the weakest signal's (radiation) intensities. It depended greatly on the frequency used and the overall cumulative effect. This caused the Russians to drastically reduce their own safety levels by a factor of 1,000.

Cellular Radiation Is This Our Next Titanic? p. 77 The Body Electric, p. 289, Dr. Robert Becker

Late 1940s: U.S. – Non-thermal radiation at 2450 MHz (or 2.45 GHz)

The AMA claims notwithstanding, the University of Iowa, on contract from Collins Radio, concluded from its experiments that 2.4 GHz (on which microwave ovens, Wi-Fi routers, cordless phones, Bluetooth devices, and even baby monitors operate) causes testicular damage (in rats) at non-thermal temperatures.

The Microwave Debate, Nicholas H. Steneck, p. 78

December 10, 1948: United Nations – Universal Declaration of Human Rights

Issued by the General Assembly of the UN, Article 25 of this Charter says: the “Right of Health” is defined as a basic human right. The regulations and policies regarding wireless telecommunication technologies are against this right to health.

https://profdrkarlhecht.de/wp-content/uploads/2017/04/KI_Brochure_6_K_Hecht_Aug_2016.pdf (p. 52)

1950s: East versus west

Russian doctors examined thousands of sick workers who had been exposed to microwaves during the development of radar, which caused the U.S.S.R. to set limits of 10 μ W for workers and military personnel and 1 μ W for the public. (Until 2015, the U.S., U.K., Canada, Australia and New Zealand all adhered to

the FCC, WHO and ICNIRP who, collectively, say that 100 W/m² or 10,000,000 μW/m² is safe.) U.S. scientists and administrators chose to believe this was Russian propaganda. (In 2015, Health Canada reduced its “safe” exposure limit for RF EMFs to 4,393,278 μW/m², which was acceptable to the U.S. Military but still far too high to provide any protection to the public.)

Dr. Robert O. Becker's "The Body Electric" p. 314

1950s: United Kingdom – Defense Intelligence Agency (DIA)

The DIA's own research showed the dangers were known in the '50s. Soviets used the cell phone frequencies we use today: 1800 MHz and 900 MHz as weapons.

www.whale.to/b/rifat.html

1953-1976: Russia – U.S. Embassy, Moscow

The Embassy was irradiated, eight hours/day, five days/week, for 23 years with microwave frequencies at intensities of 0.1 to 24μW/cm², i.e., about 1,000 times lower than the U.S. “standard” of 10 mW/cm².

- Two ambassadors died of cancer.
- A third ambassador developed leukemia and eventually died from it.
- At least 16 women developed breast cancer.
- Many other staff became ill.
- U.S. knew but did not tell embassy for at least 10 years.

<http://>

www.rense.com/general33/braibc.htm

www.ncbi.nlm.nih.gov/pmc/articles/PMC3509929/

1958: Russian standards vs U.S. “guidelines”

- Russian standards have recognized both the thermal and non-thermal effects since 1933: 10 uW/cm² for workers; 1 uW/cm² for the public.
- U.S. “guidelines” recognize the thermal effects ONLY: 10 mW/cm² was established by the U.S. Navy in 1953 and was adopted by the U.S. Air Force and U.S. Army in 1965, and by the U.S. and its military allies in 1966.

1960: Russia – Central Nervous System (CNS) disorders linked to RF/MW radiation

Soviet scientists reported several CNS disorders among 525 workers exposed to RF/MW radiation: hypotension, slower than normal heart rates, increased histamine content of the blood, increases in activity of the thyroid gland, headaches, irritability, increased fatigue, etc.

The U.S. Dept. of Health, Education and Welfare, NIOSH Contract No. 210-76-0145 , March 1978

1960-1996: Russia – 1500 studies on EMFs

Biological effects on humans, frequencies 0 to 3 GHz: neurasthenia, neurotic symptoms, arterial hypotension; bradycardia or tachycardia; hypoglycemia; vagotonic displacement of the cardiovascular system; EEG changes (deterioration of the alpha rhythm); hyperfunction of the thyroid; potency disturbances; passive tremor of the fingers; disturbances in the hypothalamic-hypophyseal cortico-adrenal system; digestive system disorders; sleep disorders; slowing down of the sensorimotor system; hair loss.

www.angelfire.com/on3/emfx/ifs_en1.htm

AUTHOR'S COMMENT: *Yet these studies are ignored by the WHO, ICNIRP, the IEEE/ICES, the FCC, Health Canada and other western countries.*

1964: U.S. – Non-thermal EMFs can cause cataracts

Dr. Zaret's studies showed, but his research funding was then removed.

Becker, Robert O., and Selden, Gary (1985), pp.307-308.

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf

1965: Czechoslovakia – exposure limits vs the U.S.

The safe exposure limit set for the general public in Czechoslovakia was in the range of 1 $\mu\text{W}/\text{cm}^2$ – ten thousand times lower than that in the United States (10 mW/cm^2). (But it is believed that they have since adopted ICNIRP's "standards" in order to gain admittance to the World Trade Organization.

www.i-sis.org.uk/FOI3.php

1965: U.S. – Down syndrome

Children born to fathers who were military radar operators had significantly higher incidence of Down syndrome. Reported in the 1965 "Bulletin" of the John Hopkins Hospital.

Dr. Robert O. Becker's Great Commission, 198

1965: U.S. – Microwaves damage the Central Nervous System

Ford Motor Company's study noted in particular that microwaves damage the CNS, which includes the brain and spinal cord.

[www](#)

AUTHOR'S COMMENT: *To understand how Safety Code 6 evolved, one should first read the chapter on the U.S. MIC. It explains that, in essence, today's Safety Code 6 is based on the U.S. Navy's 1953 Standard – which recognized ONLY the thermal effects of microwave radiation, and had dangerously high “safe” exposure limits for microwave radiation (that enabled the navy to operate its most powerful radars at maximum power). The U.S. Air Force and U.S. Army both adopted the navy's standard in 1965 (i.e., both its dangerously-high exposure limit and its thermal effects ONLY dogma), and the next year, 1966, the U.S. and all member nations of the Five-Eyes intelligence community also adopted them, both the thermal effects ONLY dogma and the dangerously-high “safe” exposure limit for RF EMFs.*

1967: U.S. – Pulsed radiation

Pulsed radiation is more harmful than continuous wave (which is what microwave ovens emit). So said Herbert Pollack, MD, on behalf of the Institute for Defense Analysis Research and Engineering Support Division.

<https://magdahavas.com/pick-of-the-week-12-why-pulsed-microwave-frequencies-are-more-harmful/>

1968: U.S. – The Radiation Control for Health and Safety Act

The U.S. Congress passed this law to protect the public from all forms of electromagnetic radiation, including microwaves that could be emitted from manufactured electronic equipment (e.g., AM and FM radio, TV sets and towers. FAX machines, record players, etc.).

http://ethw.org/Biological_Effects_of_Electromagnetic_Radiation

1969: U.S. – The Richmond Conference

It was the final of 11 large conferences held in the U.S., from 1955 until 1969, and presented overwhelming evidence of gastric bleeding, leukemia, chromosome breakages, cancer, and clouding of the eye lenses that were

observed by doctors in the west. It stressed that “brain functions were especially sensitive to RF EMF”.

www.sedonasmartmeterawareness.com/H-E-S-E--PROJECT-DOCUMENT.html

1970s: U.S. – Modulated microwave signals are dangerous

Researchers had known since the early ‘70s that a properly modulated signal (which includes “pulsed”) could interfere with normal brain activity.

Effects of Modulated UHF Fields on Specific Brain Rhythms in Cats, Brain Research 58 (1973): pp. 365-384

RF Research – U.S. – Does the source of research funding matter?

- Non-industry-funded studies – found harmful effects 70% of the time.
- Industry-funded studies – found harmful effect 32% of the time.

Data compiled by Dr. Henry Lai of the University of Washington

1971-1980: Poland – The largest epidemiological study of people exposed to RF/MW radiation

Conducted on the Polish military, it found:

- >7X likely to develop cancer of blood-forming organs and lymphatic tissue.
- >4X likely to develop thyroid tumors.
- People 20-29 had 550% greater risk of developing cancer.
- 3X likely to develop cancer – those who worked with or near radiation emitting devices.

Currents of Death, Paul Brodeur (p. 125)

1973: Canada – Early warning about microwave radiation

Decades before wireless appeared, research by National Research Council Canada (NRC) and Queen’s University produced concerns for the long term, low-intensity non-thermal microwave radiation that will result from uncontrolled

proliferation of microwave devices. Their concluding remarks included this statement: “In particular, a study of possible accumulative effects of MW radiation (directly or indirectly) through sensitization must be conducted.”

www.emf-risks.com/2013/09/1973-report-researching-effects-of.html

1974: Russia – RF/MW radiation and cardiovascular disease

A Soviet study of 100 patients exposed to radiation for periods ranging five-fifteen years concluded it is a PROBABLE cause of cardio problems. A smaller group exposed for shorter periods also experienced cardio irregularities.

Radiofrequency/microwave radiation biological effects and safety standards: A review.

1975: U.S. – Microwave radiation causes blood-brain barrier to leak

Dr. Allen Frey (one of the most active researchers on the bioeffects of microwave radiation) discovered this occurred at much lower radiation levels than cell phones emit. He had his funding cut off. (Corroborated in a dozen labs around the world.)

www.cellphonetaskforce.org/?page_id=594

C-1975: Russia – Millimeter wave frequencies are dangerous to humans

Declassified and approved for release by the U.S. CIA 2012/05/10. Russian studies revealed that millimeter waves adversely affect human skin, blood and bone marrow, conditioned reflex activity, tissue respiration, etc. The degree of unfavourable effect depended on the duration of exposure and on the individual exposed.

www.stopsmartmetersbc.com/wp-content/uploads/2019/02/USSR-Biological-Effect-of-Millimeter-Radiowaves-by-N.P.-Zalyubovskaya-1977-CIA-RDP88B01125R000300120005-6.pdf

AUTHOR’S COMMENT: Millimeter wave length frequencies are 5G frequencies.

1976 – Russia – Banned microwave ovens for health reasons

Russia banned microwave ovens because of their negative health consequences as many studies were conducted on their use

as many studies were conducted on their use.
<https://worldtruth.tv/russia-bans-the-use-of-microwave-ovens/>

AUTHOR'S COMMENT: Then, as now, microwave ovens emitted continuous wave thermal microwave radiation on 2.4 GHz to cook/burn food and heat/boil liquids. This is precisely the same frequency as Smart meters, Wi-Fi routers and baby monitors use, but these other products emit the more hazardous pulsed non-thermal EMF radiation, which the human body can neither sense or detect.

1977: Canada – Knew and accepted that there were non-thermal effects

Health Canada's Drs. Michael Repacholi and Maria Stuchly accepted the Soviet belief that "definite health hazards" result from non-thermal radiation, and proposed to IEEE a new maximum permissible level (MPL) mid-way between Soviet and U.S. Limits, the latter of which does NOT recognize the effects of non-thermal radiation..."

https://magdahavas.com/pick-of-the-week-8-failed-attempt-to-reduce-safety-code-6-guidelines-in-1977/www.magdahavas.com/wp-content/uploads/2010/09/Repacholi_SafetyCode6_presentation1.pdf

1977: CBS "60 Minutes" – electronic smog blanketing America

Host Mike Wallace interviewed U.S. ophthalmologist, Dr. Milton Zaret and spent 20 minutes alerting the public to the possible dangers of microwaves. Dr. Zaret was one of the first scientists to warn of the harmful effects of microwave radiation, especially to eyes.

The Microwave Debate, Nicholas H. Steneck p. 190.

1977: "The Zapping of America"

"Microwaves, their Deadly Risk, and the Cover-Up" was written by New Yorker magazine's award-winning writer and investigative journalist, Paul Brodeur. Part of the book appeared originally as a series of articles in The New Yorker.

www.amazon.ca/Zapping-America-Microwaves-Deadly-Coverup/dp/0393064271

1977: U.S. Government consultant lies about illnesses in Moscow Embassy

Dr. Herbert Pollack (1906-1990), professor emeritus George Washington University medical school and a medical consultant to the U.S. State Department, took part in the investigation of a practice of the Soviets of

bombarding the U.S. Embassy in Moscow with microwaves. The practice, discovered in the mid-1970s, was started in the early 1960s (factually, it began in 1953), and it was feared that it might have caused cancers and other health problems in embassy personnel. Dr. Pollack reported in 1977 that there was no evidence that anyone's health had been harmed.

www.washingtonpost.com/archive/local/1990/01/05/herbert-pollack-dies/5d9961bf-a6c1-4189-9891-4bb348b00126/

1979: U.S. – The public's environmental exposure

The public were routinely exposed to RF radiation, mostly from AM and FM radio and VHF and UHF TV stations. According to the EPA, only a small part of the total radiation environment is attributable to the military, civilian radar, satellite communication systems, telephone and TV communications and microwave ovens. EPA estimates that <1% of the population in cities is exposed to RF radiation intensities over 1 $\mu\text{W}/\text{cm}^2$ continuously. Power densities near FM antennas and on the upper floors of tall buildings may, however, be hundreds of microwatts per square centimeter. The EPA defines a high-power source as one in which the power density of the main beam is 100 $\mu\text{W}/\text{cm}^2$ at a distance of 100 m from the antenna. FM radio and TV are in this category, as are radar and communication systems, such as satellite-communication earth terminals. (To appreciate the significance of these numbers, compare them with Radiation Measurements shown Feb. 2019.)

www.nap.edu/catalog/19885/analysis-of-the-exposure-levels-and-potential-biologic-effects-of-the-pave-paws-radar-system (p. 4)

1979: Canada – Safety Code 6

It was intended for federal work sites only – Canadian provinces and territories did not have to adopt it, but all have naively done so – thereby putting the health and safety of their constituents at risk.

- Was based on a 200 lb. man (i.e., a large adult male, having a correspondingly large head and thick skull, unlike an embryo, newborn child or infant who would have no or relatively little skull to protect their brain).
- Was based on a six-minute exposure to RF radiation (whereas today, people are constantly exposed, day and night, to invisible, silent, pulsed non-thermal RF radiation from multiple terrestrial and satellite sources on

a host of different frequencies – not one of which has ever been independently tested for safety to humans).

- Does not consider the hazardous biological effect pulsed EMFs have on humans.
- Does not consider the cumulative effect from multiple RF devices operating on many different frequencies to which people are chronically exposed.
- Does not consider embryos, pregnant women, children or sensitive individuals.
- Lags behind China, Russia, Italy and Switzerland who have exposure limits 100 times lower/safer than SC6, as does 40 % of the world's population.
- Does not take into consideration the proven biological non-thermal effects of RF, only the tissue heating or thermal effects.

C4ST – Citizens for Safe Technology

AUTHOR'S COMMENT: *The public needs to understand the reasons why Health Canada and its Safety Code 6 are now, and always have been, globally-reviled. In addition to the above:*

- It provides ZERO protection to the public from pulsed non-thermal EMR on frequencies 100 kHz to 300 GHz – which is precisely the frequency range on which all of today's terrestrial and satellite wireless radio devices have been authorized to emit their pulsed non-thermal EMR.
- It provides ZERO protection to the public against the known hazardous non-thermal effects of power line EMFs produced by common household electricity and electric power utility infrastructure, such as overhead power transmission and distribution lines, substations, power transformers, Smart meters, electric appliances, machinery, tools and vehicles, etc.
- It fails/refuses to recognize the condition known around the world as EHS, which is conservatively estimated to moderately affect more than 3% of the world's population. Those most affected are literally incapable of functioning in any environment in which there is any form of EMFs.

In the following table, it can be seen that Canada (Safety Code 6) and ICNIRP share the highest/most dangerous permissible exposure limits of all listed

countries. Readers also need to note that the same corrupt scientist, Dr. Michael Repacholi, first set Health Canada’s Safety Code 6 exposure limits (which are similar to those set in 1953 by the U.S. Navy) before then setting essentially the same limits for ICNIRP, following which he did the same thing for the WHO (explained elsewhere).

Public Exposure Guidelines

1800 MHz $\mu\text{W}/\text{m}^2$

Health Dept. Salzburg (indoor) ('02) 1

Health Dept. Salzburg (outdoors) ('02) 10

EU Wkg Grp recommendation (2001) 100

Salzburg 1998 (sum GSM) 1,000

Italy (single frequency) 1,000

Russia, PRChina 100,000

Italy (sum of frequencies) 100,000

Belgium (ex Wallonia) 1,115,000

ICNIRP ('98), WHO, Canada ('79) 10,000,000

FCC/IEEE, U.S. ('93) 10,000,000

Canada (2015) 4,390,000

http://emrstop.org/index.php?option=com_content&view=article&id=71&Itemid=35

Table 1. Comparison of national standards for public exposure limits to RFs

Agency/Jurisdiction	General Public Exposure Limit [#] (W/m^2)	Comments
ICNIRP	10	Guideline
Canada	10	Acute, thermal effects prevented
Toronto Board of Health	0.10	Cooperative agreement, precautionary
Italy	0.10*	Regulatory precautionary
Switzerland	0.10*	Regulatory, precautionary
China	0.10	Regulatory, science-based
Russia	0.10*	Regulatory, science based
Paris	0.10*	Cooperative agreement, precautionary
Salzburg	0.001	Cooperative agreement, precautionary

[#] For RFs at a frequency of 1800 megaHertz

* approximate conversion from Volts per meter to Watts per square metre

1979: U.S. – NIOSH and OSHA warning

The National Institute of Occupational Safety and Health, and the Occupational Safety and Health Agency both believed there was sufficient evidence of

harmful non-thermal effects to humans, causing them to recommend that “precautionary” measures be instituted to minimize the risk to workers from unwarranted exposure to RF energy.

www.cdc.gov/niosh/docs/80-107/

1979: United Nations – knew that EMR can be hazardous to humans

“As a result of research into the effects of electromagnetic radiation on biological targets, the existence of harmful effects of radio frequency radiations within a wide range of frequencies on such vitally important organs of the human as the heart, the brain and the central nervous system may now be regarded as a firmly established fact.”

UN Committee on Disarmament Document CD/35, July 10, 1979, “Negotiations on the Question of the Prohibition of New Types of Weapons of Mass Destruction and New Systems of Such Weapons,” V. L. Issraelyan, Representative of the USSR to the Committee on Disarmament.

1980 to 1985: Polish Military

New electronic equipment introduced in this period saw:

- A doubling incidence of all cancers,
- A tripling of alimentary tract cancers, and
- A six-fold increase in blood and lymphatic cancers in 20-59 year-old personnel exposed to RF or microwave radiation.

www.alternative-magnetic-therapy.com/electromagnetic-radiation-cancer.html

1981: U.S. – EMFs and the brain

World-renowned American scientist, Dr. Ross Adey, PhD, reported that “there is unequivocal experimental evidence that (electric and magnetic) fields from ELF to UHF (10 Hz to 450 MHz) interact directly with brain tissue”.

*Adey WR, 1981. “Tissue interactions with non-ionizing electromagnetic fields”. *Physiological Reviews* 61*

1984: U.S. – “Frequency weapons”

US DOD ordered all advertisements and references to “frequency weapons” be cut from the Defense Catalogue.

http://mindjustice.org/bhutan_review_cherylwelsh.htm

1985: U.S. – Man’s greatest danger

“Lies in uncontrolled exposure to large amounts of EMR at many overlapping frequencies, and therefore a stringent standard with a definite timetable for phasing it in is the only way to protect the public health. This leadership must come from Washington.”

Dr. Robert O. Becker’s “The Body Electric” p. 314

1985: Planet Earth – invisible global pollution – EMFs

The entire North American continent, western Europe and Japan generate such strong EMFs that they can be sensed by satellites in space. These populations are continuously bombarded by ELF EMFs.

Dr. Robert O. Becker, “The Body Electric” p. 295

1986: U.S. – EW weapons

These can be used for dealing with terrorist groups, crowd control, controlling breeches of security at military installations, and, anti-personnel techniques in tactical warfare.

http://mindjustice.org/bhutan_review_cherylwelsh.htm

AUTHOR’S COMMENT: *These too would be millimetre wave or 5G frequencies.*

1986: U.S. MIC- Non-thermal effects

WHO, ICNIRP, Health Canada, the IEEE/ICES and the FCC do not protect the public’s health because they refuse to recognize the harmful non-thermal effects of EMF radiation and ignore the pulse-modulation used in RF emissions.

www.emfanalysis.com/wp-content/uploads/2015/06/blackman-modulation-2009.pdf

AUTHOR’S COMMENT: *For industry and/or government to now recognize non-thermal effects, none of today’s extremely profitable wireless product/devices/gadgets could be sold in their jurisdiction. Similarly, electric power utilities would suddenly have to provide far greater distances (buffer zones) to separate their infrastructure from the public. And, one can’t even imagine the tsunami of class-action lawsuits that would immediately be launched – in many countries of the world.*

c-1990s – Russia – Perestroika removed ban on microwave ovens

Soviet President Mikhail Gorbachev implemented ‘Perestroika’ in an effort to

bolster the ailing Soviet economy, etc.

www.greenhealthwatch.com/newsstories/newsmobilephones/microwave-history.html

1990: U.S. – EPA wanted U.S. government to classify EMFs a “probable carcinogen”

This was based on dozens of epidemiological studies linking EMFs to serious health problems including leukemia. But industry pressure forced EPA to remove the recommendation.

<http://articles.mercola.com/sites/articles/archive/2011/03/17/vatican-radio-is-told-to-pay-out-over-transmitter-cancer-risk.aspx>

1992–1998: Dr. Michael Repacholi and ICNIRP

While still employed at the WHO, Dr. Repacholi (who previously had headed up Health Canada’s Radiation Protection Bureau, for whom he established Safety Code 6’s inaugural “safe” exposure limits for RF EMFs – which were very similar to those of the U.S. Military) helped create ICNIRP in 1992, becoming its inaugural Chairman and, since 1998, Chairman Emeritus.

www.icnirp.org/cms/upload/publications/ICNIRPemfgdl.pdf

1993: U.S. – Another federal agency says microwave radiation can promote cancer

The U.S. Food and Drug Administration data “strongly suggests” that microwave radiation can accelerate the development of cancer.

<http://microwavenews.com/sites/default/files/sites/default/files/backissut/j-f03issue.pdf>

1996: German review of 878 Russian studies vanishes

Germany’s Professor Hecht was commissioned to review Russian studies from 1960 to 1996 on the health damaging and biological effects of microwave EMFs. Produced in 1997, his team’s review of 878 scientific studies contained such overwhelming proof in its conclusions about the dangers that it “immediately disappeared into the archives.” (See item dated 2005, below.)

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf

1996: Global – German scientists warn mankind about dangers of non-thermal EMR

We have known since 1932 that RF radiation of long duration can cause illness in humans, especially the central nervous system (the brain). It was of particular

interest to see that cases of illness clearly increased even though the Russian exposure limits of electro-magnetic fields are three orders of magnitude lower than in western Europe.

https://profdrkarlhecht.de/wp-content/uploads/2017/04/KI_Brochure_6_K_Hecht_Aug_2016.pdf (p. 53)

1996: Sweden – Rationale for implementing the “precautionary principle”

If measures generally reducing exposure can be taken at reasonable expense and with reasonable consequences in all other respects, an effort should be made to reduce fields radically deviating from what could be deemed normal in the environment concerned. Where new electrical installations and buildings are concerned, efforts should be made to design and position them in such a way that exposure is limited.

National Authorities Sweden, 1996

AUTHOR’S COMMENT: Contrast the above sensible, moral approach to what Health Canada is permitting electric power utilities to do. For example, in 2019, British Columbia’s largest crown corporation, BC Hydro, is being allowed to build an underground electrical substation in a Vancouver downtown city park, beneath which, when the substation is operational, the electric power utility is then to build a new elementary school on top of the substation – which the President/COO of BC Hydro has publicly (guilelessly) admitted will emit typically 30 mG of magnetic field radiation and up to an astonishing 100 mG.

1996: The WHO’s 10-year \$250 million (U.S.) international EMF project

The 10-year (1996-2006) project, to assess the scientific evidence of possible health effects of EMF in the frequency range from 0 to 300 GHz, was led and coordinated by a person many consider was the world’s most corrupt scientist: Dr. Michael Repacholi.

www.who.int/peh-emf/project/EMF_Project/en/

www.stopsmartmetersbc.com/wp-content/uploads/2017/06/WHO-radiofrequency-radiation-and-health-a-hard-nut-to-crack-Review-by-Lennart-Hardell-International-Journal-of-Oncology-June-06-2017.pdf

September 23, 1998: World’s first satellite phone system became operational

Iridium Corp. launched 66 satellites in low orbit around the Earth. A six-nation

telephone survey was done of people who were EHS that showed 86% of EHS people and a majority of patients and support group members became ill on September 23, exactly, with typical symptoms: headaches, dizziness, nausea, insomnia, nosebleeds, heart palpitations, asthma attacks, ringing in the ears, etc.

www.cellphonetaskforce.org/wp-content/uploads/2018/03/Satellites-Begin-Worldwide-Service.pdf

October 1998: Austria – Vienna Resolution

The “Workshop on Possible Biological and Health Effects of RF EMFs” resulted in a petition being raised that said, in part: “The parliament should take the following actions: 1.1. The telecommunication law should be amended such that in the process of erecting a base station the neighbours and the communities must become involved.” The petition also criticized ICNIRP’s standards for not taking into consideration the NON-thermal effects of EMFs, and recommended that the precautionary principle should be applied.

www.icems.eu/docs/resolutions/Vienna_Resolution_1998.pdf

1998: Europe – Collusion/corruption at WHO and ICNIRP

While concurrently heading up the WHO’s electric, magnetic, and electromagnetic fields (up to 300 GHz) protection unit, and being ICNIRP’s initial chairman (now chairman emeritus), the infamous Dr. Michael Repacholi, assisted by Europe’s most influential epidemiologist, Prof. Anders Ahlbom and others, determined ICNIRP’s initial radiation exposure limits. These were based on IEEE’s C-95.1, which were very similar to those of Health Canada’s Safety Code 6 ... and the WHO’s ... and the IEEE’s (i.e., the U.S. Military’s) ... and the FCC’s.

AUTHOR’S COMMENT: See entry for year 2011 when Dr. Ahlbom had to be removed as Chairman of the WHO/IARC’s Expert Panel, when he was found to be in conflict of interest.

www.monanilsson.se/document/A_hlbomConflictsIARCMay23.pdf

www.icnirp.org/cms/upload/publications/ICNIRPemfgdl.pdf

1999: U.S. Consumer Affairs Commission

Said: “Current thermal guidelines associated with EMR are irrelevant” ... “Cancer and Alzheimer’s are associated with non-thermal EMR effects.”

<http://lifeenergies.com/he-emr/>

1999: Lloyd's of London understands the dangers of wireless radiation

Refuses to insure mobile manufacturers against risks to user's health.

www.rfsafe.com/lloyds-of-london-insurance-wont-cover-smartphones-wifi-smart-meters-cell-phone-towers-by-excluding-all-wireless-radiation-hazards/

1999: Canada – World Conference on Breast Cancer, Ottawa (July 26-31)

New Zealand's most celebrated scientist, Dr. Neil Cherry, ONZM, told the audience that any and all manmade electromagnetic radiation – regardless of frequency – CAUSES breast cancer.

www.neilcherry.nz/documents/90_s3_EMR-EMF_and_BREAST_Cancer.pdf

www.emfresearch.com/emfs-breast-cancer/

1999: Canada – Safety Code 6's mysterious omission

Dr. Magda Havas, PhD, of Trent University, noted that the 1999 version of Safety Code 6 contains a very important statement on page 11 that was omitted from the 2009 version of SC6. The statement reads as follows: "Certain members of the general public may be more susceptible to harm from RF and microwave exposure."

<https://magdahavas.com/health-canada-admits-safety-code-6-guideline-for-microwave-radiation-is-based-only-on-thermal-effects/>

February 2000: U.K. – Dr. G.J. Hyland speaks out about the truth being suppressed

An Honourary Associate of the University of Warwick, U.K., and a member of the International Institute of Biophysics in Neuss-Holzheim, Germany, he's on record saying: "What is so appallingly scandalous from a regulatory point of view is that the majority of these symptoms (from exposure to RF EMFs) have been known for over 25 years, but have been studiously ignored, presumably on account of the negative impact their revelation would undoubtedly have had on the market growth and development of mobile telephone products." He went on to quote the 1976 U.S. DIA Report on contemporary Soviet research into biological effects of low intensity microwave radiation: "If the more advanced nations of the west are strict in the enforcement of stringent exposure standards, there could be unfavourable effects on industrial and military functions."

February 28, 2000: World's second satellite phone service commenced

Globalstar began commercial service on Monday, February 28. Widespread reports of nausea, headaches, leg pain, respiratory problems, depression, and lack of energy began on Friday, February 25, the previous business day, and came from both people who were and were not EHS.

www.cellphonetaskforce.org/wp-content/uploads/2018/04/NPTH-March-2000.pdf

April, 2000: Europe – Salzburg Resolution

European scientists recommended the maximum RF exposure for humans to be no more than 1/10,000th of what they are in the U.S. – where they have no limits for long term exposure. Such lax standards have been determined by outdated science and the legal and regulatory maneuvering of the powerful telecommunications industries.

http://electromagnetichealth.org/wp-content/uploads/2010/04/BRAG_Schools.pdf

2001: “Prudent avoidance”

For new construction, a policy of prudent avoidance was adopted in Australia, Sweden, and several U.S. states (California, Colorado, Hawaii, New York, Ohio, Texas and Wisconsin).

www.who.int/peh-emf/meetings/southkorea/en/Precaution-Leeka.pdf

2001: The Insurance industry isn't fooled

Lloyds and Swiss Re recommended to other insurance companies to write in exclusion clauses against paying compensation for illnesses caused by continuous long-term low level radiation.

www.stetzerizer-us.com/EMF-Fact-Page_ep_104-1.html

2002: Germany – The Freiburger Appeal

Signed by over 3,000 physicians, it warned that radiation from cell phones and cell phone towers was causing serious health impacts including “heart attacks and strokes among an increasingly younger population.

(Dr. Magda Havas 05/15/2019 letter to Secretary General of CRTC)

2002: Europe – Conflict of interest within IARC/WHO

Then IARC Director, Lorenzo Tomatis plus 20 other scientists from around the

Then IARC Director, Lorenzo Tomatis plus 50 other scientists from around the world went public claiming IARC had let industry get too involved in the decision-making as to what is or is not cancerous.

www.chronicexposure.org/limitsICNIRP.html

2002: U.S. – Another federal agency publicly condemns thermal guidelines

The EPA publicly criticized the FCC, the IEEE and ICNIRP (and, by extension, the WHO and Health Canada) because their exposure guidelines are based on thermal radiation, which provide no protection to the public for continuous exposure to non-thermal radiation.

www.emrpolicy.org/litigation/case_law/docs/noi_epa_response.pdf

<https://ehtrust.org/wp-content/uploads/4c0f61dc30c3d6bb27d90f53a57c616e.pdf>

2002: U.S. – California government warns public about EMFs

Raised levels of EMFs increase risk of cancer, particularly childhood leukemia, miscarriages, adult brain cancer and ALS (known as Lou Gehrig's disease).

California's Department of Health Services' 560 page report of their nine-year \$4.5M study authored by three epidemiologists.

2003: Italy –International Commission for Electromagnetic Safety (ICEMS) was registered in Italy

ICEMS is a non-profit organization that promotes research to protect public health from electromagnetic fields and develops the scientific basis and strategies for assessment, prevention, management and communication of risk, based on the precautionary principle.

www.icems.eu/organization.htm

2003: New Zealand – No level of microwave radiation is safe

“There is no SAFE ‘threshold’ level. The only SAFE ‘exposure’ level is ZERO, a position confirmed by epidemiological studies.” So said New Zealand's world-renowned scientist Dr. Neil Cherry, PhD, ONZM.

www.stayonthetruth.com/neil-cherry.php

Canada – Canadian Wireless and Telecommunications Association (CWTA)

The CWTA is Canada's main industry lobby group that lobbies all governments across the country on behalf of its members. It claims to be "the authority on wireless issues, developments and trends." Its members comprise companies who provide services and products across the wireless sector.

www.linkedin.com/company/canadian-wireless-telecommunications-association-cwta-

- CWTA President/CEO (2008-Aug. 2016) was fluently bilingual Bernard Lord, QC, ONB, former two-time Premier of New Brunswick with unparalleled connections in all three senior levels of government, and was considered to be a potential heir-apparent to then Prime Minister Stephen Harper. Few, if any, doors would not readily open for him as he crossed the country promoting the merits of wireless technology.
- With no knowledgeable health authority or agency anywhere in Canada to oppose CWTA, it is no wonder that Wi-Fi is now ubiquitous in public schools, hospitals, cancer clinics, medical buildings, government offices and communities across Canada, why Smart meters are on all dwellings, why cell phones and other wireless technologies now are seemingly everywhere.
- Former two-time Prince Edward Island Premier, Robert Ghiz, replaced Lord as CEO of CWTA effective in January, 2017.
- Currently, CWTA is aggressively promoting/championing 5G technology across Canada.

www.5gcc.ca/5g-canada-2019/

2003: WHO flip flops on applying the precautionary principle

Drs. Michael Repacholi and Leeka Kheifets, who run the WHO's International EMF Project, announced that they are now invoking the precautionary principle for both power line ELF EMFs and RF EMR. But, soon after, the announcement concerning the precautionary approach was removed from the WHO EMF Project's site.

<http://microwavenews.com/news/backissues/m-a03issue.pdf>

2003: Canada's Canadian Wireless and Telecommunications Association (CWTA) ...

2003: Canada – Corruption involving CWTA and the McLaughlin Research Centre

A former CWTA president, Roger Poirier, still manages McLaughlin Research Centre's projects. In 2003, CBC Marketplace exposed that the wireless industry (CWTA) funds both the research and salary of Dr. Daniel Krewski, who is the Director of the research centre and, prior to 1998, was the head of Health Canada's Radiation Protection Branch. Dr. Krewski is and always has been a champion of the thermal effects only dogma and continues to promote that Wi-Fi is "safe."

<https://med.uottawa.ca/epidemiology/people/krewski-daniel>

2003: Canada – Wireless Information Research Centre (WIRC)

WIRC was created and is funded by CWTA, who selected Dr. Daniel Krewski to be WIRC's inaugural chairman, and appointed Dr. Maria Stuchly to be one of its directors (at the time, she was a senior Health Canada scientist in the latter's Radio Protection Bureau).

www.weepinitiative.org/NOBLE.html

2005: Germany – Learned what Russian scientists had long known

Some 1500 Russian studies, done between 1960 and 1996 on frequencies between 0 – 3 GHz, enabled Russia to produce a list of harmful biological effects on humans, animals and plants caused by RF EMR. The German review was done by Drs. Hans-Ullrich Balzer, PhD, MD, and Karl Hecht, PhD, MD for the Institute of Stress Research, Berlin, Germany.

Their objective findings included:

- Neurasthenia, neurotic symptoms,
- Arterial hypotension, bradycardia or tachycardia,
- Hypoglycemia,
- Vagotonic displacement of the cardiovascular system,
- EEG changes (deterioration of the alpha rhythm),
- Hyperfunction of the thyroid,
- Sexual potency disturbances,

- Passive tremor of the fingers,
- Disturbances in the hypothalamic-hypophyseal cortico-adrenal system,
- Digestive system disorders,
- Sleep disorders,
- Slowing down of the sensorimotor system,
- Hair loss.

Their subjective symptoms (reported by the patients) included:

- Exhaustion, weariness,
- Lack of concentration,
- Headaches,
- Dizziness,
- Profuse outbreaks of perspiration,
- Spontaneous excitability due to hypotonic reaction conditions, especially under heavy work pressure,
- Heart trouble.

www.angelfire.com/on3/emfx/ifs_en1.htm

[www.emfacts.com/2005/05/germanruss\(ian-report-on-electrosensitivity/](http://www.emfacts.com/2005/05/germanruss(ian-report-on-electrosensitivity/)

2005: UNESCO – The precautionary principle

The United Nations Educational, Scientific and Cultural Organization's (UNESCO) offers the following working definition of the precautionary principle:

“When human activities may lead to morally unacceptable harm that is scientifically plausible but uncertain, actions shall be taken to avoid or diminish that harm. Morally unacceptable harm refers to harm to humans or the environment that is threatening to human life or health, or serious and effectively irreversible, or inequitable to present or future generations, or imposed without adequate consideration of the human rights of those affected.”

<http://unesdoc.unesco.org/images/0013/001395/139578e.pdf>

2005: Ireland – Even low level microwaves are dangerous

The Nobel Prize winning Irish Doctors Association listed 70 research papers showing the dangers from low level microwaves.

- Dr. Santini listed 20 similar studies.
- The EM. Radiation Research Trust listed nine studies.
- Dr. Blackwell listed six similar studies in his report.

www.ecolibria.com.au/Resources/electromagnetic-radiation-emr-and-potential-adverse-health-affects

2005: The WHO – Naked corruption

On July 5, 2005, it was published that Dr. Michael Repacholi – Coordinator of the WHO's Radiation and Environmental Health Unit – receives \$150,000 a year (via Royal Adelaide Hospital, S.A.) from the cellular phone industry with additional money for meetings and travels.

microwavenews.com/5.7.05

2005: Vatican Radio, Rome – Manslaughter investigation

Six officials were investigated on manslaughter charges due to excessive radiation from radio towers resulting in excessive cancers, etc. Italy's most prestigious cancer research hospital admits there is a connection between radio and microwave radiation and the cancer incidents.

www.magdahavas.com/study-finds-vatican-radio-causes-cancer/

2005: Finnish doctors reject ICNIRP

The Helsinki Appeal from EMF Team Finland calls on the European Parliament to act promptly for the adoption of the new safety standard in the European Union. Physicians and researchers want the standards recommended by ICNIRP to be rejected, because recent scientific studies report various disturbances caused by mobile phone and other RF radiation.

<http://lifeenergies.com/he-emr/>

2006: Repacholi's successor at the WHO is also pro-industry

Dr. Repacholi retired and was replaced by his protégé, Dr. Emilie van Deventer, an electrical engineer, whom he had hired in 2000. She continues to head the WHO's EMF activities. Previously, she was an associate professor at the Department of Electrical and Computer Engineering at the University of Toronto in Canada, which was partly funded by wireless companies.

<https://es-ireland.com/2016/12/20/has-the-who-emf-project-been-hijacked-by-icnirp/>

www.saferemr.com/2013/05/upcoming-who-meeting-on-radiofrequency.html

www.stralskyddsstiftelsen.se/2015/08/former-who-director-general-gro-harlem-brundtland-no-doubt-there-are-health-effects-from-mobile-phone-radiation/

2006: The dangers of microwaves

At current exposure levels, they are linked to brain damage, DNA damage, brain tumours, cancers, microwave sickness, impairment of cognitive functions, impairment of reproduction and fertility, affecting humans, rodents, birds, and bees.

www.newmediaexplorer.org/sepp/2006/04/20/mobile_and_wireless_largest_biological_experiment.htm

2006: Canada – Police radar guns and testicular cancer

“Dr. Robert Davis co-authored a case report showing that police officers who held radar guns in their laps had about seven times the expected risk of testicular cancer. Dr. Samuel Milham, MD, MPH, wrote a letter to the Canadian Department of Veterans Affairs on behalf of a retired RCMP (Royal Canadian Mounted Police) officer who was suffering from testicular cancer. About a year later a favourable reply was received from Veterans Affairs.

“Dirty Electricity” by Dr. Samuel Milham, MD, MPH (p. 93)

2006: Italy – The Benevento Resolution

Organized by ICEMS, the resolution was signed by >40 leading experts from 16 countries and called for the application of the precautionary principle to avoid an emerging potential public health issue. Studies show signs that both ELF and RF EMFs can lead to cancers and a host of other diseases.

www.icems.eu/benevento_resolution.htm

c-2006: U.S. – Water heated in a microwave oven kills plant



www.bibliotecapleyades.net/ciencia/ciencia_industryweapons207.htm

2007: WHO funding summary for the international EMF project

Total income for the period July 2006-June 2007 was \$779,502 U.S., received from the following two sources:

- \$249,682 governments
- \$529,820 “others” (i.e. industry)

<http://inthesenewtimes.com/2011/03/06/repacholi-admits-interference-from-the-industry-at-the-who-emf-project/>

2007: International – BioInitiative 2007 report

Authored by 14 scientists and medical experts from five countries, the report urged all countries of the world to adopt a radiation exposure limit of 0.1

$\mu\text{W}/\text{cm}^2$, which is 10,000 times lower than Safety Code 6.

www.bioinitiative.org

2007: Australia – Honest telecom engineer was fired

John Patterson was a Telstra Communications telecom engineer from Sydney. In an effort to warn the company, he measured the radiation, wrote a report, and was fired.

YouTube: “5G Apocalypse – The Extinction Event”(minute 56)

Down syndrome

An increase of Down syndrome was found amongst the children of radar operators, and amongst residents near satellite uplinks in the microwave bands in Vernon, NJ. (Radar and satellite frequencies also fall within the microwave band.)

www.emfwise.com/science_details.php

2007: Health Canada is again urged to lower exposure limits drastically

In November, Toronto’s Chief Medical Officer of Health recommended that Health Canada’s Safety levels for microwave exposure be lowered by a factor of 100 times.

http://safeschool.ca/Health_Warnings.html

May 31, 2007: EMR, melatonin and estrogen

“One of melatonin’s most important functions is to release estrogen, which suppresses the development of breast cancers – 70% of which are estrogen sensitive. When EMR inhibits the release of melatonin, the activity of one of the body’s most protective hormones is lost.”

Srinivasan V, Spence D, et al. “Melatonin, environmental light, and breast cancer”, Breast Cancer Res Treat 2007 May 31; PMID: 17541739.

August, 2007: What level of radiation is safe?

Researchers say: If there is a safe level of exposure to EMR, it’s so low that we can’t detect it.

www.bibliotecapleyades.net/scalar_tech/esp_scalar_tech_cellphonesmicrowave01.htm

August-September, 2007: EMR suppresses melatonin

Produced by the pineal gland, melatonin is a powerful cancer-fighting hormone produced in the body at night. Sleeping in a room surrounded by our favourite devices – cordless phone, cell phone, digital clock, CD/radio player, computer and TV – can seriously suppress melatonin production.

“Electropollution, Hormones and Cancer” www.nexusmagazine.com Aug-Sept.2007

October 8, 2007: U.S. – Over ten million preventable cancer deaths in past 30 years

Newsweek Magazine, the Pittsburgh Post-Gazette and the Toronto Globe and Mail all named “The Secret History of the War on Cancer” as one of the best books of the year.

<https://ehtrust.org/publications/secret-history-war-cancer/>

2008: Europe – European Parliament sounds the alarm

The European Environment Agency called on its 27 member states (500 million people) to protect the public more effectively by taking “appropriate, precautionary and proportionate actions ... to avoid ... serious threats.”

www.europarl.europa.eu/sides/getDoc.do?language=EN&reference=A6-0089/2009

2008: Ireland – Frightening prediction

The Irish Doctors Environmental Association (IDEA) predicts that one in two people in Ireland will have cancer by 2025.

<https://es-ireland.com/ireland-2/>

2008: WHO’s new boss loses her eyesight peering into a microwave oven

Dr. Gro Harlem Brundtland, MD, MPH (Harvard) admitted that carelessly peering into a microwave oven caused her to go blind for a year and left her electro sensitive. Although her sight did return about a year later, her vision still suffers.

<https://magdahavas.com/gro-harlem-brundtland-talks-at-the-university-of-waterloo/>

June, 2008: Italy – ICEMS calls for the world to apply the precautionary principle

ICEIMS is an independent, highly-respected group of international scientists and

is not to be confused with the corrupt U.S. Military and industry-driven ICES. ICEMS is registered in Italy and calls for global application of the precautionary principle, saying that more protection is needed for pregnancy, newborns, children, and elderly people. ICEMS went on to say that the world's exposure limits are "inadequate" as only thermal effects are considered. (Signed by 56 world-class scientists from 16 countries.)

www.icems.eu/resolution.htm

August, 2008: The telephone industry and the government of Canada – too close?

Robert Bradley, Director of Health Canada's radiation protection bureau and Jean-Claude Brien, Director of Industry Canada's EMC (Electromagnetic Compatibility) analysis and consultation branch are both members of CWTA's Health committee.

www.thestar.com/news/2008/08/02/ottawa_linked_to_cellphone_lobbyists.html

September, 2008: Europe – Parliament of European Union (28 countries, 500 million people)

It voted 522 to 16 to agree with the BioInitiative 2007 Report, which said that ICNIRP's current EMF safety standards were obsolete and must be renewed.

Overpowered" p. 178, by Martin Blank, PhD.

2009: Canada – Health Canada edits Safety Code 6 guidelines – without explanation

Health Canada edited the guidelines and removed, without explanation, a passage acknowledging that "certain members of the general public may be more susceptible to harm from microwave exposure."

www.cmaj.ca/content/187/9/639.)

May, 2009: Brazil – The Porto Alegre Resolution

The International Workshop on Non-Ionizing Radiation Health and Environment was sponsored by the Brazilian Health Ministry, ICEMS. All participants agreed that the protection of health, well-being and the environment requires immediate adoption of the precautionary principle, which states: "when there are indications of possible adverse effects, though they remain uncertain, the risks from doing nothing may be far greater than the risks of taking action to control these exposures. The precautionary principle shifts the burden of proof from

these exposures. The precautionary principle shifts the burden of proof from those suspecting a risk to those who discount it.” The Resolution was signed by more than 90 scientists and others from many countries around the world.

May 24, 2009: U.S. – Billionaire club in bid to curb overpopulation

“Some of America’s leading billionaires have met secretly to consider how their wealth could be used to slow the growth of the world’s population and speed up improvements in health and education.”

www.thetimes.co.uk/article/billionaire-club-in-bid-to-curb-overpopulation-d2fl22qh102

July, 2009: Austrian AUVA insurance company finds that EMFs are dangerous

They retained the Vienna Medical University to conduct a study which verified that EMFs from cell phones affect the brain, immune system and proteins. The study concluded: “Non-thermal effects confirmed; exposure limits challenged; precaution demanded.” This was a slap in the face to the German Radiation Protection Commission and ICNIRP (who are based in Germany).

www.diagnose-funk.org/assets/2009-7-20_df_bp_auva-report_english.pdf

What Non-industry Scientists Have Said:

- Prof. Yuriy Grigoriev, Chairman of RNCNIRP: “Man conquered the Black Plague, but now he’s created EMF pollution.”
- The International Doctors’ Appeal (more than 1,000 doctors): “This is the greatest biomedical experiment in human history ever.”
- Dr. Robert O. Becker, two-time Nobel nominee said in 2000: “The greatest polluting element in Earth’s environment is the proliferation of EMF.”
- The 2011 Seletun Scientific Panel: “Global population is at risk. Reduce exposure limits 1,000 to 10,000 times.”
- Dr. Dietrich Klinghardt: “...exposure to microwave and EMF is significantly harmful to all health and life itself.”
- Dr. George Carlo: “There’s a major health crisis coming, probably already underway ... cancers, learning disabilities, ADD, autism, Alzheimer’s, Parkinson’s, psychological/behavioural problems.”

- Dr. Gerard Hyland, a physicist, twice-nominated for the Nobel Prize in Medicine, says, “Existing safety guidelines for cell phone towers are completely inadequate ... Quite justifiably, the public remains skeptical of attempts by governments and industry to reassure them that all is well, particularly given the unethical way in which they often operate symbiotically so as to promote their own vested interests.”

<http://geopathology-za.wikidot.com/cell-towers>

April, 2010: Punished for speaking the truth in Canada

Eminent researchers: Drs. Olle Johansson (Sweden), Annie Sasco (France), Dimitris Panagopoulos (Greece) and Andrew Goldsworthy (U.K.) took part in a conference before Canada’s House of Commons Standing Committee on Health (HESA) outlining the dangers of low level EMR from cell phones, masts and Wi-Fi with reproductive decreases from cell phone EMR. On returning home, all were subsequently censured/punished in some way by their employers.

www.magdahavas.com/wordpress/wp-content/uploads/2011/06/Weigel-2011.pdf

April 28, 2010: Canada – The beginning of the end of democracy in British Columbia

The Liberal government of BC passed its “Clean Energy Act” (Bill 17), which paved the way for the obligatory installation of a wireless Smart meter on every home and occupied building in the province. The public were never told that inside every Smart meter are two microwave radio circuits, both of which emit hazardous pulsed non-thermal radiation, which, on May 31, 2011, the WHO classified RF EMFs a “possible” carcinogen.

www.bclaws.ca/civix/document/id/complete/statreg/10022_01

2010: International Electromagnetic Fields Alliance (IEMFA)

Is a global collaboration of over 50 health advocacy groups focused on EMFs. Scientists from 15 countries collaborate worldwide to bring to the attention of the WHO, the United Nations and other national governments the emerging threats to the public. (View their website.)

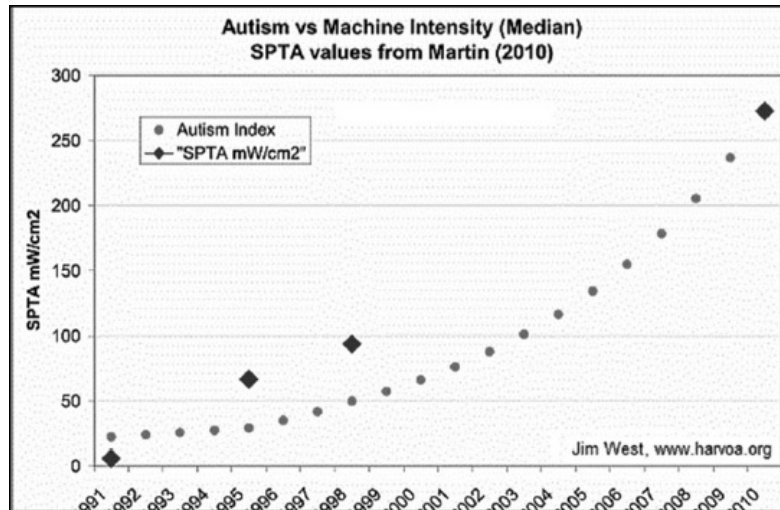
www.iemfa.org

2010: U.S. President Barack Obama was warned of risk to children

His own Cancer Advisory Panel identified the question of children's and adolescents' risk from using wireless devices as being the most pressing issue.

<http://electromagnetichealth.org/electromagnetic-health-blog/oc-ny/>

Autism and Ultrasound



June 1, 2010: Ireland – Terrifying prediction of cancer

With one in two people expected to get some form of cancer in Ireland by 2025, the Royal College of Physicians says that today's recommendations are cost effective and necessary.

<https://emfcommunity.com/wisconsin-company-implant-microchips-employees-august/>

2011: Norway – Seletun statement condemns today's thermal-only standards

The IEMFA said, in part: ICNIRP and IEEE/FCC public safety limits are inadequate and obsolete with respect to prolonged, low-intensity exposures (same for the WHO's and Health Canada's SC-6). New, biologically-based public exposure standards are urgently needed to protect public health world-wide.

www.magdahavas.com/international-experts-perspective-on-the-health-effects-of-electromagnetic-fields-emf-and-electromagnetic-radiation-emr/

Electromagnetic sensitivity and electromagnetic hypersensitivity by Michael Bevington

Multinational Resolutions

- 2011 — Parliamentary Assembly, Council of Europe Resolution (47 countries, 820 million people).
- 2011 — The Seletun Statement.
- 2010 — The Copenhagen Resolution.
- 2010 — International Appeal of Würzburg.
- 2009 — Porto Alegre Resolution.
- 2009 — European Parliament EMF Resolution.
- 2009 — Dutch Appeal.
- 2009 — London Resolution.
- 2008 — The Case for Precaution in the Use of Cell Phones.
- 2008 — Medical Association holds firm warning against cell phone radiation.
- 2008 — Advice from an International Expert Panel.
- 2008 — The Venice Resolution, and,
- 2008 — Benevento Resolution update.

February, 2011: Karolinska Institute – press release to the world

Scientists urged the halt of wireless rollout, called for new safety standards, and issued a warning of risks to children and pregnant women.

<http://electromagnetichealth.org/electromagnetic-health-blog/international-seletun-announcement/>

February 2011: Europe – The creation of a second cancer research institute

Founded in 2011, ECERI (the European Cancer and Environment Research Institute) coordinates scientific collaboration in Belgium, France, Germany, Greece, Italy, the Netherlands, Spain, Sweden and the U.K., as well as with research teams in the U.S., Canada, Russia, eastern countries, Japan and China.

www.eceri-institute.org/

AUTHOR'S COMMENT: This speaks volumes for Europe's lack of confidence in the WHO's own cancer research agency IARC and in ICNIRP.

May 23, 2011: Europe's key epidemiologist found to

be conflicted

Arguably Europe's most senior and influential epidemiologist, Prof. Anders Ahlbom was found to be linked to the telecom industry and had to be removed as Chair of IARC's "Expert Group" assembled to evaluate safety of mobile phones. He subsequently was asked to resign from the Swedish Radiation Protection Agency. Readers will recall Prof. Ahlbom earlier had participated with the notoriously corrupt scientist, Dr. Michael Repacholi, in setting ICNIRP's controversial standards – which are now supported/endorsed by both the WHO and Health Canada and are followed by many countries of the world.

www.monanilsson.se/document/AhlbomConflictsIARCMay23.pdf

www.eiwellspring.org/misc/AndersAhlbom_2011.htm

May 27, 2011: Global – Council of Europe urges break from ICNIRP and WHO

They urged all 47 governments (representing 800 million people) to:

- reconsider ICNIRP's exposure limits (which the WHO and Health Canada endorse),
- introduce the precautionary principle,
- use the "ALARA" principle (reduce the power of a cell phone, cell tower transmitter, Wi-Fi router, etc.) to "as low as reasonably achievable."

<http://microwavenews.com/short-takes-archive/council-europe-urges-precaution>

May 31, 2011: The WHO's IARC classified RF EMF a class 2B "possible" carcinogen

AUTHOR'S COMMENT: Scientists say that, had the WHO considered the 2001 E.U.-funded REFLEX Study, it likely would have justified classifying EMFs a "PROBABLE Carcinogen".

Despite this upsetting new classification, neither Health Canada nor any provincial government in Canada saw fit to stop electric utilities from continuing to roll out their much vilified, invasive and hazardous microwave-emitting wireless Smart meters nationally (each Smart meter contains two microwave transmitter/receiver radio circuits, the main one of which radiates in all directions for a distance of up to three km).

www.iarc.fr/en/media-/pr/2011/pdfs/pr208_E.pdf

June 10, 2011: Professor Anders Ahlbom resigns from Swedish Radiation Protection Authority

This resignation occurred just weeks after that group opened an investigation into his potential conflicts of interests.

His clients included global Telecom giant Ericsson and Sweden's TeliaSonera. He's on record saying: "We are pretty sure that there is no relation between mobile phone use and brain tumors" and "there is no reason to believe that there are any risks (for children to use mobile phones)."

Overpowered, pp. 128 and 129, by Martin Blank, PhD.

<http://microwavenews.com/news-tags/anders-ahlbom>

June, 2011: European Parliaments formally recognize biological (non-thermal) effects

The Council of Europe and the European Parliament (47 countries – 800 million people) recognize for the first time the biological (non-thermal) effects of EMF on living plants, animals and human beings. The need now is to protect citizens from EMR, particularly "pregnant women, newborn babies and children."

www.i-sis.org.uk/Wireless_phone_radiation_possibly_carcinogenic.php

June 30, 2011: Canada – The end of democracy in British Columbia

BC's government signed a 10-year, \$100 million/year contract with Telus Corp. to update all government telecommunications facilities in BC, which included all six Regional Health Authorities and other named agencies.

www.thetelecomblog.com/2011/06/30/telus-enters-10-year-contract-with-british-columbia-government/

AUTHOR'S COMMENT:

- 1. With no Provincial Health Officer or any other senior health authority in the province – or anywhere in Canada – having the requisite expertise in and knowledge of the hazards of non-thermal EMFs to enable them to block industry's determined effort to impose wireless technology on an unsuspecting public, the province of BC today (2019) finds itself with Wi-Fi, Bluetooth, cell phones, cordless phones and other wireless technologies in cancer clinics, hospitals, medical facilities, nursing homes, schools, public buildings, public transportation systems (e.g., ferries, rapid transit, etc.).*
- 2. Telus Corp. is one of Canada's three national telecommunications companies,*

of which two (BCE and Telus) have partnered with Nationalist Chinese company, Huawei, in an effort to lead 5G technology in Canada.

(As is shown elsewhere in this book, history knows that it was this same Huawei that is alleged to have ruthlessly hacked for more than ten years Canada's then crown jewel, world-class telecommunications network company, "Nortel Networks," contributing to its demise.)

3. It needs to be repeated that not a single one of today's wireless products – including baby monitors and Smart meters – has ever been independently tested and proven to be safe to babies, children, pregnant women, those in poor health, let alone the general public. Such is the power of industry.

Canadian Provincial Health Officers (PHOs)

AUTHOR'S COMMENT: *Each of Canada's ten provinces and three territories has its own PHO, whose job it is to protect the health and safety of the people within their jurisdiction. But as PHOs invariably were/are family practitioners, they lack any meaningful expertise in non-thermal power line EMFs and pulsed non-thermal RF EMR ... and know little to nothing about EHS. For this reason, PHOs have no recourse but to rely on a corrupt Health Canada and its globally reviled Safety Code 6 on all such matters.*

September 2011: Korean Government does what Canada won't – and never has done

The Korean Government adopts the "precautionary principle" in response to public pressure.

www.ices-emfsafety.org/documents/Minutes/TC95_Minutes_June_2012.pdf

November 2011: European countries opt to protect their citizens

National radiation advisory authorities in Austria, Belgium, France, Germany, Russia and Sweden recommended measures to minimize exposure to their citizens.

http://en.wikipedia.org/wiki/Mobile_phone_radiation_and_health#cite_note-112

<http://microwavenews.com/news-center/rsc-sc6> (While Canada and the U.S. remain silent.)

November, 2011: Microwave ovens are dangerous – but very profitable

Originally called “radar ranges,” microwave ovens were first developed for the German army in WWII. However, after much research, Soviet scientists banned them from Russia in 1976 due to health concerns. Perestroika made them legal again in the 1990s. Today in North America a microwave oven can be found in most homes. Although governments deny it, scientists state the following concerns:

- Microwaving causes food to lose 60 - 90% of the vital-energy field and accelerates the structural disintegration of foods.
- Microwaving creates cancer-causing agents within milk and cereals.
- Microwaving alters elemental food-substances, causing digestive disorders.
- Microwaving alters food chemistry which can lead to malfunctions in the lymphatic system and degeneration of the body’s ability to protect itself against cancerous growths.
- Microwaved foods lead to a higher percentage of cancerous cells in the bloodstream.
- Microwaving altered the breakdown of elemental substances when raw, cooked, or frozen vegetables were exposed for even a very short time and free radicals were formed.
- Microwaved foods caused stomach and intestinal cancerous growths, a general degeneration of peripheral cellular tissues, and a gradual breakdown of the digestive and excretive systems in a statistically high percentage of people.
- Microwaved foods lowered the body’s ability to utilize B-complex vitamins, Vitamin C, Vitamin E, essential minerals and lipotropics.

<http://naturalsociety.com/the-dangerous-truth-behind-microwaves/>

2012: France – Cell phones and Wi-Fi do cause cancer

Dr Annie Sasco, MD, MPH, MS, PhD, former 22-year IARC veteran, including nine years as Group Leader, then Unit Chief of Epidemiology for Cancer Prevention said: “Despite the voices of industry-funded scientists saying otherwise, there is concrete evidence that mobiles/cell phones and Wi-Fi cause cancer in humans.”

www.youtube.com/watch?v=2JyAIO_UdSk

2012: United Kingdom – Conflict of interest on

2012: United Kingdom – Conflict of interest or corruption?

Prof. Andrew Swerdlow, Chair of the Advisory Group to the U.K. Health Protection Agency: his study (done by at least two other known-to-be conflicted scientists) found that “there is no convincing evidence” that RF EMR from cell phones or any wireless device below ICNIRP levels that is harmful to the health of adults or children.

www.yahoo.com/news/no-clear-evidence-mobile-phone-increase-risk-cancer-194053999.html

AUTHOR’S COMMENT: *Not mentioned was that:*

- *Prof. Swerdlow is a long-time, very influential member of ICNIRP.*
- *He and his wife are major shareholders in three world class telecom companies.*
- *He is an epidemiologist at the Cancer Research Institute.*
- *No cancer institute in the world even whispers that EMF/EMR might even be a possible cause of cancer.*

2012: U.S. – All wireless devices are harmful

Nobel Co-laureate Dr Devra Davis, PhD has two videos that provide critical information about how all wireless devices (cell phones, cordless phones, Wi-Fi, cell towers etc.) harm our health.

<https://youtu.be/Xtd-y2C9IH4>

<https://youtu.be/a6wLFeIrCtU>

2012: Birds and cell towers in North America

Up to 6.8 million migratory birds die each year in collisions with cell towers, AM and FM towers or their guy-wires (due to EMR disrupting their navigation systems).

www.zoominfo.com/p/Albert-Manville/18439319

2012: Globally – Alarming global increases in the past 20 years

- Autism – 600% to about 70 million.
- ADD – 400% (increasing 3% year in U.S.).
- Asthma – 300% to about 300 million.
- Food Allergies – 400% to >270 million.

- Diabetes – 220 million now; rising to 400 million by 2030.
- Male Sperm – average man has lost 53% in past 50 years; will be “0” in 70 years.

<http://wifischools.org.uk/resources/safeschools2012.pdf>

www.gulf-daily-news.com/NewsDetails.aspx?storyid=341914

March, 2012: Mammograms cause breast cancer

Although the radiation emitted by a mammogram machine is not non-thermal, people should know this.

- One mammogram emits radiation equal to 1,000 chest X-rays.
- They detect cancers 52% of time.
- They fail to detect cancers 48% of time.
- Best screening option – thermography – which can detect cancers ten years earlier.

<https://articles.mercola.com/sites/articles/archive/2012/03/03/experts-say-avoid-mammograms.aspx>

March, 2012: Spain – First town free of electromagnetic radiation

The full city council of Olvera, Spain voted unanimously to declare the town an “Electromagnetic Pollution-Free Municipality”.

<https://emfrefugee.blogspot.com/2012/03/aprueban-por-unanimidad-la-primera.html>

April, 2012: Salzburg, Austria vs Canada

Salzburg’s Health Department recommends radiation limits of 0.001 $\mu\text{W}/\text{cm}^2$ outdoor and 0.0001 for indoor exposure. Canada’s is 10,000 $\mu\text{W}/\text{cm}^2$ – 24/7/365 in perpetuity for everyone: 1,000,000 to 10,000,000 times more dangerous.

www.safeinschool.org/2012_04_01_archive.html

May 2012: South Korea – Electromagnetic warfare is here

The Korea Herald reported that over 500 aircraft flying in and out of South Korea’s Incheon and Gimpo airports reported GPS failures, as did hundreds of ships and fishing boats in the sea west of Incheon Airport. The source of the EMFs was traced to the North Korean city of Kaesong. South Korean officials

indicated that North Korea had imported truck-based jamming systems in 2010 that had the capability to jam GPS signals.

<https://spectrum.ieee.org/aerospace/military/electromagnetic-warfare-is-here>

AUTHOR'S COMMENT: *All of today's power, telecommunications, railways, finance, water, natural gas, etc., as they become more and more sophisticated, are increasingly vulnerable to EW attacks.*

July, 2012: U.S. – EMF and female breast cancer

Female breast cancer has reached epidemic proportions, with one in ten American women developing it and one in four dying. Alarming, of women who develop the disease, 55% have no known risk factors. Undeveloped countries fare much better.

<http://bizgenerationnetwork.blogspot.ca/2012/07/lynas-cancer-and-you.html>

<https://thetruthaboutcancer.com/video-mammograms-cause-breast-cancer/>

<https://articles.mercola.com/sites/articles/archive/2012/03/03/experts-say-avoid-mammograms.aspx>

October, 2012: The breast cancer risk nobody talks about: EMF

Both power line and RF EMFs significantly disrupt melatonin, convincingly proving “the negative effect of EMFs on the anti-estrogenic effect of melatonin in breast cancer cells,” German scientists find.

www.annlouise.com/blog/2012/10/23/the-breast-cancer-risk-that-nobody-talks-about/

2012: U.S. – The American Academy of Environmental Medicine

Said: “Multiple studies show that: RF EMFs are linked to cancer, neurological disease, reproductive disorders, immune dysfunction, and electromagnetic hypersensitivity or EHS.”

www.aemonline.org/emf_rf_position.php

November, 2012: Germany – The International Doctors' Appeal

Said that ten years after the “Freiburg Appeal” RF radiation poses a health risk. Physicians demand overdue precaution. More than 1,000 physicians signed the “Freiburg Appeal” in 2002.

“Today—ten years later—we as physicians and scientists call again on our

colleagues and the wider global community, but also on all politicians around the world.”

http://freiburger-appell-2012.info/media/International_Doctors_Appeal_2012_Nov.pdf

December 12, 2012: U.S. – Children are at risk

On this date, the American Academy of Pediatrics sent a letter to the FCC warning of dangers to children because of current radiation exposure limits. They stated that new standards are needed.

www.saferemr.com/2013/09/cellphones-and-health_9.html

December 31, 2012: The BioInitiative 2012 Report

The report had 29 authors, including 21 PhDs and ten medical experts, from ten countries, who reviewed an additional new 1800 studies. Its major findings included:

- Microwave radiation, should be classified a human carcinogen.
- Existing FCC, IEEE, ICNIRP (and Health Canada) guidelines ... do not protect us.
- The exposure limit for chronic exposure should be reduced >3-6 million times lower/safer than Safety Code 6. (i.e. 0.3-0.6 nW/cm² vs 1000 µW/cm²).
- It also said that five new cell tower studies report bioeffects from ELF power line frequencies at levels 1,000 to 10,000 times lower than current exposure limits provide for.

www.bioinitiative.org

December 31, 2012: Effects of microwave radiation

“Genetic effects, cancer, cellular/molecular effects, electrophysiology changes, behavioural changes, nervous system impairment, blood-brain barrier permeability, calcium efflux, cardiovascular changes, hormonal disruption, immune system changes, metabolic changes, fertility impairment and much more.”

www.bioinitiative.org

2013: Canada – Why Safety Code 6 favours industry and not the public

The “Expert Panels” reviewing the science are deliberately comprised of

The experiments reviewing the science are generally composed of industry-friendly and/or conflicted individuals, such as Drs. Daniel Krewski, Louise Lemyre, Brian Christie, Americans John Moulder and Ken Foster, etc., all of whom historically have defended and promoted the thermal effects ONLY dogma.

<http://c4starchives.org/safety-code-6-review>

2013: U.S. – All EMR is dangerous

Dr. Martin Blank, two PhDs: Physical Chemistry and Colloid Science says: “Radio frequency in any form — cell tower radiation, Wi-Fi networks, cell phones etc. — is potentially bad, especially if one is exposed for extended periods (e.g., asleep in bed at home, seated at a desk in school).”

http://radiationrescue.org/advocacy_275.html

February, 2013: Safety Code 6 protects only against the thermal (heating) effects of RF EMFs

Dr. James McNamee, a leading scientist in Health Canada’s Radiation Protection Bureau admitted in Quebec Superior Court on Feb. 2013 that for frequencies between 100 kHz and 300 GHz Safety Code 6 is based only on heating.

www.magdahavas.com/health-canada-admits-safety-code-6-guideline-for-microwave-radiation-is-based-only-on-thermal-effects/

AUTHOR’S COMMENT: *All of today’s lucrative wireless products, devices and gadgets emit their hazardous pulsed non-thermal radiation on frequencies that are much higher than those afforded any protection by Safety Code 6.*

March 1, 2013: U.S. – Dirty electricity and dairy cows

Twelve dairy farms in Wisconsin, Michigan and Minnesota were investigated due to complaints that animal behaviour and milk production were affected by electrical shocks below adopted standards. Complaints were shown to be legitimate.

www.dirtyelectricity.org/dirty-electricity-research/2013/3/1/relationship-of-electric-power-quality-to-milk-production-of-dairy-herds-field-study-with-literature-review

May, 2013: Denmark – Microwave EMR inhibits growth of garden cress seeds

“Five 9th graders from Denmark have shown that garden cress won’t germinate when placed near a router (Google Translation of Danish original). Article text is in Danish but the pictures illustrate their results. The exact mechanism is still

in Danish, but the pictures illustrate their results. The exact mechanism is still unknown (Danish original), but experts have shown interest in reproducing the experiment.”

<https://science.slashdot.org/story/13/05/17/1930226/9th-grade-science-experiment-garden-cress-wont-germinate-near-routers>

August, 2013: Globally – Male fertility and the human race

Male fertility declined around the world by about 50 percent between 1973 and 2013. If this decline continues, scientists warn of impending human extinction.

<https://articles.mercola.com/sites/articles/archive/2017/08/09/skyrocketing-male-infertility.aspx>

1993-2013: Globally – Opponents of wireless technology

Eighty-one governments and organizations ban or warn against wireless technology (meaning ALL wireless devices).

www.cellphonetaskforce.org/?page_id=128

2013: United Kingdom – Future generations will pay for our mistakes

Barrie Trower, a British physicist who was a microwave weapons expert and who worked for the Royal Navy and the British Secret Service said that: “Future generations will be the real victims. DNA damage caused by microwave radiation is irreparable. It is passed on from mother to daughter, generation after generation ... for ever”.

<https://youtu.be/DCbUwhlQl7w>

2013: Autism (incidence in children in the U.S.)

- 1950 – one in 25,000.
- 1970 – one in 2,500.
- 2000 – one in 150.
- 2004 – one in 125.
- 2006 – one in 110.
- 2008 – one in 88.
- 2013 – one in 50 ... but one in 27 in populated cities.

- 2016 – one in 36 ... but one in 28 for boys.

(U.S. Centre for Disease Control 2016 survey)

www.autism-adhd.org.au/autism_prevalence

AUTHOR'S COMMENT: *Readers are encouraged to view the above reference as it is most revealing and, in my opinion, shows what ignorant, greedy, naïve and/or corrupt governments are allowing the unconscionably greedy and immoral electric power utilities and wireless and telecommunications industries to do to our children.*

January, 2014: U.S. – 3,000 U.S. communities report possible cancer clusters

At Least 11 teens with brain tumors in one small town near L.A. Since Erin Brockovich's first report, the number of communities reporting a possible cancer cluster [has risen from](#) 350 to 3,000.

www.huffingtonpost.com/2013/12/04/moorpark-cancer-brain-tumors_n_4386813.html

2014: WHO and ICNIRP are indistinguishable

Of the six scientists comprising the WHO's core group in charge of the draft of a monograph on RF fields and health for public comments, five were affiliated with industry-friendly ICNIRP. They dismissed evidence of harm caused by non-thermal RF fields.

www.spandidos-publications.com/10.3892/ijo.2017.4046

AUTHOR'S COMMENT: *Readers will recall that it was the infamous Dr. Michael Repacholi who, in 2000, recruited Dr. Emilie van Deventer, an electrical engineer, to succeed him at the WHO and to head up WHO's EMF Project, when he retired. She has long been a member of IEEE.*

2014: Canada – Frequency auctions give government billions of dollars

The sale (by auction) of just a portion of the 700 MHz band gave Industry Canada \$5.3 billion. In 2015 they'll auction off portions of 2.5 GHz band for more billions.

www.cbc.ca/news/technology/vid%C3%A9otron-wins-wireless-licences-outside-quebec-in-700mhz-auction-1.2543036

AUTHOR'S COMMENT: *Frequencies in the 700 MHz band are very desirable to telecom companies because, unlike other frequencies, they penetrate concrete, enabling cell phones to operate in underground parking lots, elevator shafts, etc.*

2014: World-class insurance underwriters consider EMR a critical, emerging risk

Lloyds of London and A.M. Best consider health damages caused by EMR a critical, emerging risk. These underwriters advise insurance companies not to insure against damages to health caused by cell phones, antennas or Smart meters. An Electronic Silent Spring presents the peer-reviewed studies underlying analysts' concerns.

www.electronicsilent.spring.com/about/

March, 2014: Another global insurance company warns of losses

Swiss Re warns of losses due to health effects of EMFs in the next ten years.

www.activistpost.com/2014/03/major-insurance-firm-warns-of-losses.html

March, 2014: U.S. – Yet another federal agency attacks the FCC

The U.S. Department of the Interior also attacked the FCC's exposure guidelines (which are based solely on thermal radiation) calling them obsolete and 30 years out of date. (So too are those of Health Canada, the WHO and ICNIRP, all of which are virtually identical to IEEE/FCC's.)

www.mainecoalitiontostopsmartmeters.org/?p=1390

April 21, 2014: U.S. – The AAEM endorses and supports BC's resolution

The American Academy of Environmental Medicine voted 100% to support and endorse British Columbia's Resolution on the Proliferation of Electromagnetic Radiation and promised to post the resolution on its website within the next seven days. In closing, they commented: "We wish you the very best in your quest to educate the Provincial Health Officer on the hazards of EMR".

April 23, 2014: Conflict of interest, collusion or naked corruption?

CONCLUSION:

Which of the three is it between Health Canada, the Royal Society of Canada, R. Samuel McLaughlin Research Centre and the CWTA?

<http://microwavenews.com/news-center/rsc-sc6>

May, 2014: Electromog is dangerously polluting earth's natural geomagnetic environment

It has been established that the electromagnetic radiation of all instruments around the globe that humans have created exceed the Earth's own geomagnetic field millions of times. The agglomeration of this man-made pollution is now called "electromagnetic smog" or, simply, "electrosmog."

www.emfacts.com/2014/05/russians-find-electromagnetic-radiation-increasingly-worrisome/

July, 2014: Health Canada should invoke the precautionary principle to protect us

So said Dr. Riina Bray of the Environmental Health Clinic at Women's College Hospital in Toronto, Canada. "The federal government should exercise the precautionary principle and update the guidelines before huge epidemics of illness occur. We are seeing blatant disregard for people suffering from symptoms related to Wi-Fi and other wireless technology," Bray told CTV News.

www.ctvnews.ca/canada/wireless-radiation-exposure-code-fails-to-protect-canadians-1.1906165#ixzz37Az9DvEv

July, 2014: Pregnant women take note

Wireless devices such as phones and laptops used by pregnant women may alter brain development of the fetus. This has been linked in both animal and human studies to hyper-activity, learning and behaviour problems.

www.BioInitiativeReport.org

"Of the microwave-exposed women, 47.7% had miscarriages prior to the 7th week of pregnancy...."

Professor John R. Goldsmith, International Consultant/Advisor for Radio-Frequency Communication, Epidemiology and Communications Sciences Advisor to the WHO.

July 9, 2014: Health Canada ignores scientists from 18 countries

Globally, 53 scientists from 18 countries condemn Safety Code 6 and call on

Health Canada to intervene to help avoid an emerging health crisis.

www.albany.edu/ihe/assets/Scientist_Declaration.pdf

September, 2014: Health Canada, the WHO, ICNIRP, ICES all stubbornly ignore science

World renowned Paracelsus Clinic Lustmühle, Switzerland: Dr. Tomas Rau, Medical Director says he is convinced “electromagnetic loads” lead to cancer, concentration problems, ADD, tinnitus, migraines, insomnia, arrhythmia, Parkinson’s and even back pain.

<http://electromagnetichealth.org/electromagnetic-health-blog/medical-director-of-switzerland/>

September, 2014: Corruption in SCENIHR

The Scientific Committee on Emerging and Newly Identified Health Risks along with other bodies such as ICNIRP, IEEE and Public Health England are failing to acknowledge and accept peer-reviewed research if it does not meet with their approval. Also, key members of SCENIHR are or were members of ICNIRP.

AUTHOR’S COMMENT: Also Health Canada, WHO, and FCC.

<https://www.emfacts.com/2014/05/breaking-news-industry-bias-exposed-in-scenihrs-scientific-assessment/>
<https://takebackyourpower.net/who-and-scenihhr-scientific-cover-up-at-the-highest-levels/>
www.emfacts.com/2014/.../bioinitiative-working-group-exposes-scenihhr-

September 26, 2014: Europe – Cancer core Europe

A new cancer research facility was created, to be led by Cambridge Cancer Centre. Other members include the national cancer research centres of France, Sweden, Holland, Spain and Germany.

www.cam.ac.uk/research/news/cancer-core-europe-institutes-unite-across-europe-to-tackle-cancer

AUTHOR’S COMMENT: This speaks volumes for Europe’s regard for the integrity and independence of the WHO’s cancer research arm (IARC) and for ICNIRP.

September 28, 2014: Canada – Government stubbornly ignores its own doctors

Fifty-five Canadian doctors condemn Safety Code 6 and call for Health Canada to protect Canadians from radiofrequency radiation exposure.

www.c4st.org/images/documents/hc-resolutions/medical-doctors-submission-to-health-canada-english.pdf

2015: Austria – Recommended “safe” exposure limit

2015: Austria – recommended safe exposure limit

The Austrian Medical Association recommends not exceeding 1 mW/m² [or 1,000 microwatts (μW)/m², and says the ideal level is 1 μW/m²].

<https://maisonsaine.ca/english/microwaves-can-cause-cancer-or-be-beneficial-prof-igor-belyaev.html>

2015: Cancer institutes – guilty of collusion

Our cancer institutes have colluded with the industry to downplay the sharp rise in brain tumors and other cancers since the introduction of these technologies, especially in those under age 40. According to Eileen O'Connor of Powerwatch U.K., one study has shown over a 700 percent increase in brain tumors in young adults compared to other cancers.

AUTHOR'S COMMENT: Readers will recall BC Cancer Agency's "Dr." Mary McBride and the U.K.'s Institute of Cancer Research's, Prof. Anthony Swerlow, whose numerous reports have consistently been favourable to industry's "thermal effects-ONLY" dogma.

<http://mieuxprevenir.blogspot.com/2015/06/scientists-petition-united-nations-for.html>

2015: U.S. – Children and suicides

The number of kids and teens visiting U.S. emergency rooms after considering or attempting suicide almost doubled from 2007 to 2015. This includes kids from five to 18 years of age whose numbers surged from 580,000 to 1.12 million, researchers report in JAMA Pediatrics.

www.reuters.com/article/us-health-children-suicide-idUSKCN1RM2RU

2015: All western countries – “safe exposure limits” for RF EMF

The “safe” RF EMF exposure limits recommended by ICNIRP, the WHO and Health Canada were all set by the same, infamous Dr Michael Repacholi, and were based on the U.S. Navy's 1953 standard which recognized the thermal effects ONLY and had a dangerously-high limit of 100 W/m² for RF EMFs that allowed the navy to operate its most powerful radars at maximum power.

https://en.wikipedia.org/wiki/Herman_P._Schwan

<http://iddd.de/umtsno/odpsejm/electricwords/RepacholiResume.htm>

2015: Globally – Telecom companies warn their investors

Investors (but not customers) were warned about the possibility that future

investors (but not customers) were warned about the possibility that future studies might link EMFs and adverse health effects and could lead to possible consumer class action lawsuits and loss of revenue, etc.

See the 2014 Annual Reports of Verizon Communications Inc., Vodafone, AT&T, China Mobile Ltd., General Communication Inc., American Tower Corp., Crown Castle International Corp., Telefónica, S.A., America Móvil, S.A.B. DE C.V., Microsoft, T-Mobile U.S., INC. and Nokia.

5G Apocalypse – The Extinction Event.

2015: Canada – Safety Code 6 is Canada’s number one public enemy

Safety Code 6 (2015):

- Ignores thousands of peer-reviewed studies that show EMFs are hazardous to people,
- Has a dangerously-high “safe” exposure limit for those exposed to RF EMFs (for 1800 MHz) of $4,393,278.4 \mu\text{W}/\text{m}^2$,
- Fails to recognize NON-thermal EMFs – regardless of frequency,
- Fails to recognize PULSED RF EMFs,
- Ignores entirely that, in 2001, the WHO’s own IARC had classified power line frequency EMFs a “possible” carcinogen, and brazenly refuses to recognize, let alone provide any protection against, the known hazards of non-thermal EMFs emitted by anything and everything in which (50 Hz/60 Hz) alternating current is flowing,
- Enables telecom companies to reap enormous profits from manufacturing, installing, utilizing and/or selling a seemingly-endless list of extremely profitable but dangerous products, all of which are known to emit hazardous pulsed NON-thermal EMFs,
- Enables telecom companies to erect cell phone towers in communities, on or near schools, hospitals, residential buildings, etc.,
- Saves electric power utilities billions of dollars in real estate costs they otherwise would have to spend in order for them to purchase the additional lands needed for them to locate utility infrastructure at distances that are truly safe, i.e., such that magnetic field measurement at each school, hospital, residential area, place of work, public space, etc. does not exceed 1 mG, and,
- Fails to even mention, let alone recognize, electro-hypersensitivity or EHS,

2015 – Global – Worldwide precautionary action

In addition to the policies listed below, countries like Switzerland, Italy, France, Austria, Luxembourg, Bulgaria, Poland, Hungary, Israel, Russia and China have set RF exposure limits 100 to 10,000 times less than the U.S.

AUTHOR'S COMMENT: *Or Health Canada.*

www.parentsfor safetechnology.org/worldwide-countries-taking-action.html

January, 2015: CT scans cause breast cancer

CT scans emit radiation equal to 100-700+ chest X-rays. They CAUSE an estimated 29,000 new cancer cases and 15,000 cancer deaths annually in U.S.

www.consumerreports.org/cro/magazine/2015/01/the-surprising-dangers-of-ct-scans-and-x-rays/index.htm

January 29, 2015: France – Government creates its own National Frequency Agency

A new law now regulates EMF exposure within the country, key elements of which include:

- Wi-Fi is banned in nursery schools nation-wide.
- Wi-Fi and wireless devices will be banned in “the spaces dedicated to home, to rest and activities of children under three years.”
- In schools where children are up to 11 years of age, Wi-Fi routers are to be turned off when not in use;
- The board of the school should be informed when new tech equipment is being installed in schools.
- Cell tower emission compliance will be verified.
- Citizens will have access to environmental/cell tower radiation measurements.
- Citizens may get access to the results of measurements for their living space, etc.
- A map of all antennas will be produced for each town.
- SAR (specific absorption rate) labeling of radiation is mandatory; the SAR of cell phones must be clearly indicated on the package.
- Information on reducing exposures is mandatory; information on ways to reduce exposure will be detailed in the contents of the cell phone package.

- Wi-Fi hotspots will be labeled; places where Wi-Fi is provided should be clearly marked with a pictogram.
- Advertisements must recommend devices that reduce radiation exposure to the brain.
- Advertising for cell phones should clearly indicate the recommendation of hands-free kits for protection of the head of the user and it will be included in the package.
- Advertising for cell phone not accompanied by such a kit is forbidden. Companies in violation will be fined 75,000 euros.
- Children must be provided protections; at the request of the buyer, equipment reducing cell phone radiation exposures to the head for children less than 14 years should be provided.
- EHS report is to be submitted to parliament within a year.

http://ehtrust.org/france-new-national-law-bans-wifi-nursery-school/?utm_source=February+2014+Newsletter&utm_campaign=Oct+2014+Newsletter&utm_medium=email

February 24, 2016: U.S. – Brain cancers are common, deadly in teens, young adults

Brain cancers are the most common cause of [cancer](#) deaths among [teens](#) and young adults, but the types of cancers that strike can vary widely as people age, a new report shows.

www.webmd.com/children/news/20160224/brain-cancers-both-common-and-deadly-among-teens-young-adults-report

February 24, 2016: U.S. – Breast and thyroid cancers are deadlier in some adults

Among those between the ages of 34 and 39, brain and nervous system tumors were eclipsed by breast and thyroid cancer.

www.webmd.com/children/news/20160224/brain-cancers-both-common-and-deadly-among-teens-young-adults-report

March 24, 2015: Canada – Government obfuscates, lies and endangers entire population

It admitted to “HESA” (Parliamentary Standing Committee on Health) that studies show harm below Safety Code 6 (SC6) level, yet Health Canada (HC) continues to ignore scientific research. Its conclusions are subject to bias and

incorrect conclusions. HC admitted that there are no studies concerning cumulative effects of EMR from multiple wireless devices. Also, HC's own website says that SC6 applies to both thermal and non-thermal EMR, even though its own Prof. James McNamee, PhD said, under oath, in Quebec Superior Court on February 2013, that it DID NOT. Furthermore, SC6 "Fact Sheet," which compares Canada to other countries, omits countries representing 1.2 billion people that have safety levels below SC6. Health Canada also ignored HESA's 2010 recommendation to implement a system that would receive, report back and track EMR complaints.

www.c4st.org/HESA2015

April, 2015: Wake-up world

The explosion of EMFs in our environment has increased in intensity ten million, million times compared to our recent ancestors.

<https://openparliament.ca/committees/health/41-2/58/dr-riina-bray-1/only/>

April, 2015: U.S. – Science contradicts Safety Code 6 premise

"Scientific evidence contradicts findings and assumptions of Canadian Safety Panel 6: microwaves act through voltage-gated calcium channel activation to induce biological impacts at non-thermal levels, supporting a paradigm shift for microwave/lower frequency electromagnetic field action."

www.ncbi.nlm.nih.gov/pubmed/25879308

April, 2015: U.S. – Evidence contradicts Safety Code 6 (2013) "expert" panel

World-renowned Dr. Martin L. Pall, Professor Emeritus, Washington State University, stated publicly that: "microwaves ... induce biological impacts at non-thermal levels," meaning that Health Canada should replace its current Safety Code 6 "thermal effects-ONLY" dogma with those that are biologically-based (i.e., based on non-thermal effects) – for both microwave and lower frequency EMFs.

<http://electromagnetichealth.org/electromagnetic-health-blog/evidence-contradicts-safety-panel-6/>

May 11, 2015: Global – Protect humans and wildlife against the dangers of EMFs

The "International EMF Scientific Appeal" addressed to the head of the IARC

The "International EMF Scientists Appeal," addressed to the head of the UN, to all UN-member states and to the head of the WHO, and signed by 190 scientists from 41 countries (which has since grown to over 235 scientists), appealed to all world governments to wake up, recognize the danger and protect humans and wildlife against the dangers of EMFs and wireless technology, and to make EMF standards more protective.

AUTHOR'S COMMENT: *The WHO had classified ELF EMR a possible carcinogen in 2001, yet in 2019 it still endorses ICNIRP's obscenely-high, industry-friendly guidelines.*

www.reuters.com/article/2015/05/11/ny-emfscientistorg-idUSnBw115200a+100+BSW20150511

June, 2015: Canada – Health Canada ignores government's own recommendations

On reviewing Safety Code 6, HESA made 12 recommendations, which, in part, included that:

- Cancer data collection methods be reviewed,
- Government agencies and the public be informed about EHS,
- That EHS testing, diagnosis and treatment be funded,
- That the CMA, Royal College of Physicians and Surgeons, the College of Family Physicians of Canada and the WHO update themselves about EHS,
- That an independent scientific body monitor other countries to ensure Canada's public benefit from this global view,
- That schools and homes evaluate Wi-Fi to ensure health of subjects,
- That manufacturers are discouraged from marketing RF devices to children under 14.

All 12 Recommendations were ignored.

<https://es-ireland.com/2019/07/29/july-2019-electrohypersensitivity-ehs-is-an-environmentally-induced-disability-that-requires-immediate-attention-magda-havas/>

June, 2015: Canada – Our own scientists condemn Safety Code 6

More than 50 of Canada's top scientists have bonded together to urge the Canadian government to alter its Safety Code 6 regulations, but the government has shown no inclination to make changes

HAS SHOWN NO INTENTION TO MAKE CHANGES.

Dr. Malcolm Paterson, PhD (Molecular Oncology).

www.osoyoostimes.com/scientist-warns-of-wireless-threat-from-smart-meters-cellphones/

June, 2015: North America – Radiation safety standards – lobbying by industry pays off

The “safety” standards in Canada and the U.S. were written by INDUSTRY and adopted wholesale by governments without question. In anticipation of the coming health crisis, they even wrote into the Canadian and American regulatory codes a proviso that does not allow anyone to sue them on health grounds.

<https://chameleonfire1.wordpress.com/2015/06/07/scientists-petition-un-for-better-radiation-exposure-standards/>

August, 2015: Pregnant women – beware of EMFs/EMR

More than 140 physicians, scientists and public health professionals from around the world expressed their concern about the risk that wireless radiation poses to pregnancy. They urged pregnant women to limit their exposures.

www.babysafeproject.org/

November 29, 2015: Russia – EMF exposures from wireless devices cause cancer

So said Professor Igor Belyaev, PhD, one of the world’s top experts in the health effects of EMFs. He also said: “If our countries do not want to fund independent EMF studies, are they governed by the telecom industry they seem to be protecting? EMF exposures from Smart meters and other wireless devices cause cancer and drug companies reap all the profits. And industry will always find experts to say that it is not dangerous.”

A keynote speaker at the 5th Paris Appeal Congress held last May at the Belgian Academy of Medicine in Brussels,

<https://maisonsaine.ca/english/microwaves-can-cause-cancer-or-be-beneficial-prof-igor-belyaev.html>

Birds, bees and butterflies

Over the last 25 years:

- Butterflies – five species now extinct in U.K.
- Arctic migratory birds – 109 species have shrunk in numbers.

- Australian shore birds – 36 species have shrunk by 75%.
- Butterflies (world) – 10% face extinction.
- British butterflies – 50% face extinction.
- Bees – up to 75% fewer.
- Asian migratory birds – 62% threatened.
- Australian wading birds – 80% of them declined.
- British bees – half of species have declined by <70%.
- U.S. bees – number of species decreased in size by <98%.
- Birds – 190 different species face imminent extinction.
- Birds – one in eight of world’s species under threat.

www.mastsanity.org/

Honey Bees – Colony collapse disorder

Between 2006 and 2010, more than 3 million honey bee colonies in the U.S. disappeared. At the current rate, experts predict the honey bee will be extinct in the U.K. by 2019 and in the U.S. by 2035.

“Overpowered” p. 100, by Martin Blank, PhD.

AUTHOR’S COMMENT: *Albert Einstein warned: “If the bee disappeared off the surface of the globe, then man would have just four years of life left.”*

2015: Canada – Autism in children

According to the Public Health Agency of Canada’s National Autism Surveillance System (NASS), in children aged five to 17 years, from six provinces (BC, Quebec, New Brunswick, Nova Scotia, PEI and Newfoundland and Labrador) and the Yukon Territory, ASD is estimated to affect:

- One in 66 children,
- One in 42 males,
- About one in three remain nonverbal,
- One in three have an intellectual disability.

www.canada.ca/en/public-health/services/publications/diseases-conditions/autism-spectrum-disorder-children-youth-canada-2018.html

December 10, 2015: Canada – Massive EMF class action lawsuit launched

“Considering the failure of federal, provincial and municipal levels of governments to protect the population against increasingly excessive exposure levels of microwave emissions and low frequency electromagnetic fields from powerlines ...” a Class action lawsuit has been launched in Quebec against Hydro-Quebec, Videotron, Bell, Rogers, Telus and many other defendants.

<https://emfrefugee.blogspot.com/2015/12/massive-emf-class-action-important.html>

2016: Canada – Evidence that Health Canada is wrong

More than 63 scientific studies conducted between 2015 and mid-2016 showed harmful bioeffects of RF/microwave radiation at or below Safety Code 6 limits: biochemical and DNA damage, cognitive impairment, depression, insomnia, kidney damage, electro-sensitivity, oxidative stress, damage to developing brain and organs, as well as damage to nerves, immune function, glands, sperm and offspring.

<http://c4st.org/>

2016: Global – 5G is dangerous

5G stands for fifth-generation mobile networks or fifth-generation wireless systems. It will be the successor to 4G, the current top-of-the-line network technology first introduced commercially in 2009. 5G could end up being 100 times faster than 4G, with speeds that reach ten gigabits per second. That would allow consumers to download a full-length high-definition movie in seconds. 5G will also increase total bandwidth, which will be needed to accommodate the Internet of Things – the ballooning number of linked products, from Smart refrigerators to traffic lights to dog collars that will be sending and receiving data.

www.washingtonpost.com/business/why-5g-phones-are-arriving-with-subplot-of-espionage/2019/04/07/11939a02-59ac-11e9-98d4-844088d135f2_story.html?noredirect=on&utm_term=.5b91376a161c

5G frequencies (24 GHz to 100 GHz) have much shorter wavelengths (i.e., 5mm vs 16cm for 2.4 GHz) which will directly affect all systems of the human body – cardiology, endocrinology, orthopedics and traumatology, digestive system diseases, dentistry, oncology, neurology and substance addiction. (*See entry for “c-1975 – Russia”*).

[https://groups.google.com/forum/#.searchin/mobilfunk_newsletter/trevor\\$20marshall\\$20\\$205G\\$20millimet](https://groups.google.com/forum/#.searchin/mobilfunk_newsletter/trevor$20marshall$20$205G$20millimet)

AUTHOR'S COMMENT: 5G technology is being pushed by the telecom industry. These much higher microwave frequencies have never been independently tested by competent “experts” – having no ties to industry – in any country for safety to humans.

2016: U.S. – Autism

- One in 36 children,
- One in 28 boys,
- One in 14 children have developmental problems.

www.askdrsears.com/topics/autism/autism-rate-jumps-1-36-children-1-28-boys

AUTHOR'S COMMENT: Before wireless radio products/devices/gadgets appeared, few people had heard of autism. Today, the incidence of autism is more than a national disgrace. It is a global tragedy, one that screams out for an international criminal investigation. Why hasn't mainstream news media allowed the world's population to realize how serious/common autism is today?

July 22, 2016: Global – Airport full-body scanners cause cancer

The doses of electromagnetic radiation emitted by the TSA's millimeter machines can cause cancer. A WHO report adds even more to the conversation, revealing that millimeter waves not only heat the skin but also damage eyesight and cause cancer, particularly cancer of the skin.

AUTHOR'S COMMENT: The referenced TSA millimeter machines use terahertz radiation i.e., from 0.3 THz to 3 THz; wavelengths 1 mm to 100 μ m.

<https://emfrefugee.blogspot.com/2016/07/how-safe-is-airport-full-body-scanner.html>

c-2016: Global – Hidden hazards of microwave cooking

Based on studies by Swiss, German and Russian scientists, read what microwaves do to your food and liquids.

<https://health-science.com/microwave-hazards/>

September 19, 2016: U.S. - Fetal ultrasounds and autism

A new study suggesting that first-trimester fetal ultrasound may contribute to the severity of autism symptoms heightens a dilemma facing obstetricians: how to halt the widespread overuse of fetal ultrasound without scaring women away from this important medical procedure.

www.wsj.com/articles/study-raises-new-questions-about-fetal-ultrasounds-1474312017

AUTHOR'S COMMENT: *In medical ultrasound examinations, pulsed radio frequencies in the range 1-18 MHz are transmitted into the body.*

More about microwave cooking

Read about the lawsuit in 1991 involving a woman who died after being given a transfusion of blood warmed in a microwave oven. It is routine to warm blood for a transfusion, but not in a microwave. The blood in this case was changed into a toxic chemical.

www.guidetobodycleansing.com/microwaveovendanger.html

December, 2016: Europe – Complicity, collusion, corruption – the WHO and ICNIRP

A formal “No Confidence Letter” was sent to the WHO’s EMF Program Manager, Dr. Emilie van Deventer (an electrical engineer who was recruited by her former boss, Dr. Michael Repacholi, to succeed him when he retired, which she did in 2006) alleging that she has allowed the WHO to be taken over by industry, i.e., by ICNIRP.

www.jrseco.com/httpwww-bioinitiative-orgbioinitiative-working-group-issues-a-no-confidence-letter-to-the-who-emf-program-manager/

December 19, 2016: Europe – More collusion and corruption – the WHO and ICNIRP

All but one scientist of the WHO RF EHC core group is also a member of ICNIRP. The WHO is urged by the BioInitiative Group to replace these ICNIRP members with known “experts” in RF and include experts from Russia, China, India, Turkey and Iran.

www.bioinitiative.org/advisors-committee/

www.bioinitiative.org/report/wp-content/uploads/2016/12/BIWG-final-draft-WHO-RF-EHC-Monograph-team-composition.pdf

January, 2017: Evidence of the harmful non-thermal effects of microwave radiation

EFFECTS OF MICROWAVE RADIATION

Here is a list of 170 reviews (representing thousands of reports) on the non-thermal effects of microwave/intermediate frequency EMFs by Dr. Martin L. Pall.

<http://electromagnetichealth.org/electromagnetic-health-blog/153-reviews>

2017: Global – Pregnancy and wireless radiation

Wireless radiation is a threat to pregnant women and their unborn children. In a joint statement, signed by >200 physicians, scientists and public health professionals from around the world, authorities warned pregnant women to avoid using or being near wireless products for fear the EMR will adversely affect the child's development, brain, behaviour, memory, etc.

www.babysafeproject.org/science.html

www.babysafeproject.org/about.html

2017: Sweden – Microwave radiation 1000 times weaker than cell phones emit is hazardous

Microwave radiation damages blood-brain barrier – even at radiation levels 1,000 times lower than cell phones emit. Inexplicably, reducing power levels further causes even more harm to humans. So said Dr. Leif Salford, Lund University Hospital, Sweden.

www.cellphonetaskforce.org/?page_id=579

January 26, 2017: Wireless devices “safe” distances from the body

- Laptop computers – <8” (<20 cm)
- Apple iPhone 7 – <5/8” (<15 mm)
- Samsung Galaxy S6 – <0.6” (<1.5cm).
- Google Pixel – 0.4” (1 cm).
- Don't keep your cell phone in your pocket or your bra when it's powered on.

www.chicagotribune.com/lifestyles/sc-cell-phone-safety-family-0131-20170126-story.html

May 3, 2017: U.S. – Wealthy people don't want 5G – money talks

“Palm Beach, Florida’s Town Manager, Tom Bradford, said Tuesday that his city and some other coastal communities have been exempted from legislation that would limit local control on the installation of 5G transmission equipment.”

June, 2017: Canada – Elects not to protect its people

More than 110 countries recognize their citizens’ legal right to a healthy environment, but NOT Canada. Canadians should have a right to a healthy environment and a right to have a say in decisions that affect the health of our communities, but we don’t.

www.ecojustice.ca/much-celebrate-committee-report-canadian-environmental-protection-act/

June 19, 2017: European scientists openly reject and oppose ICNIRP

The European Cancer and Environment Research Institute, based in Brussels, proposed forming a new entity, “International Commission of Scientific Expertise on Non-thermal Radiation Effects (ICSENTRE)” to counter the industry-dominated ICNIRP, who recognize only the thermal effects of RF EMF.

www.saferemr.com/2013/05/upcoming-who-meeting-on-radiofrequency.html

www.saferemr.com/2018/07/icnirps-exposure-guidelines-for-radio.html

June 23, 2017: U.S. – FCC gives approval to OneWeb to launch over 700 satellites

OneWeb plans to launch some 720 low-Earth orbit satellites in order to provide global, high-speed broadband ... “connecting every unconnected school” by 2022, and “bridging the digital divide” by 2027.

www.theverge.com/2017/6/23/15861658/ajit-pai-fcc-oneweb-approval-satellite-launch-space-internet

July, 2017: RF EMR from cell phones and any wireless source causes cancer

Says Canada’s preeminent EMF Scientist and a WHO cancer expert, Dr. Anthony Miller, PhD.

<https://ehtrust.org/cancer-expert-declares-cell-phone-wireless-radiation-carcinogenic-humans/>

September, 2017: RF radiation causes cancer

It should be classified a Group 1 or known human carcinogen, says Lennart Hardell, MD, PhD, of Sweden, the world’s preeminent authority on mobile

Hardell, MD, PhD, of Sweden, the world's preeminent authority on mobile phones and brain tumors.

<https://lennarthardellenglish.wordpress.com/page/3/>

September 13, 2017: Scientists and doctors demand moratorium on 5G

More than 180 scientists from 37 countries (including 71 from non-EU countries) warn of potential serious threats to human health and the environment.

Dr. Andrew Michrowski PhD., Ottawa, Canada

<https://ehtrust.org/scientists-and-doctors-demand-moratorium-on-5g-warning-of-health-effects/>

Sept 28, 2017: UBCM passed resolution on 5G technology

British Columbia's Union of BC Municipalities voted to support a resolution on giving them a say when microcells are placed within 100 meters of homes, schools and hospitals in their communities.

www.stopsmartmetersbc.com/ubcm-votes-yes-to-having-a-say-in-microcell-placement/

October 15, 2017: U.S. – California governor vetoed big telecom's 5G bill

California governor Jerry Brown sided with local governments against the telecom industry who wanted to roll out their 5G technology, despite strong opposition from 300 cities, 400 counties and 100 organizations.

www.latimes.com/politics/essential/la-pol-ca-essential-politics-updates-gov-jerry-brown-sides-with-local-1508137569-htmlstory.html

November 2017: Global – Warning to humanity

More than 15,000 scientists from around the world have signed a letter that warns about human threats and dangers to the environment. A second notice had been signed by 15,364 scientists from 184 countries, stressing that most of the planet's problems were getting "far worse."

www.presstv.com/Detail/2017/11/13/542091/scientists-warning-letter-human-threats-environment

November 26, 2017: U.S. – Billionaire depopulation club?

Did you know that Warren Buffett, who plans to leave most of his fortune to Bill Gates' Foundation upon his death, has been funding the depopulation agenda for

a long time?

<https://americandigitalnews.com/index.php/2017/11/26/billionaire-depopulation-club/>

2018: U.S. – Cancer and autism in children

- Cancer is the number one disease-related cause of death in American children ages one through 14, leukemia and malignancies of the central nervous system being the most common.
- ASD have increased in lockstep with pediatric cancers.

<https://healthimpactnews.com/2018/childhood-cancers-rising-same-as-autism-cancer-now-1-cause-of-death-in-children/>

January, 2018: North America – Major league baseball players – brain cancers

A shocking number of MLB pitchers get frontal brain tumors – a coincidence? A shocking number of MLB catchers and umpires get tumors at the back of their heads – a coincidence?

Sports writers, players' agents, etc. have measured the speed of the pitch (or, in tennis, the speed of the serve). To do this, they use radar guns, which emit pulsed microwave radiation on 2.4 GHz – the same frequency as microwave ovens.

<http://thefullertoninformer.com/the-untimely-death-of-gary-carter-and-what-we-can-learn-from-what-happened-to-the-kid/>

www.stopsmartmetersbc.com/2018-01-21-cell-phones-brain-cancers-whos-tracking/

When one is corrupt, one is deaf, dumb and blind to all but that which suits them!

Is it a coincidence that these people too all died from cancer?

- *Microsoft's co-founder, Paul Allen?*
- *Apples' founder, Steve Jobs?*
- *U.S. Senator, John McCain?*
- *Former U.S. VP Joe Biden's son, Beau?*
- *Former U.S. VP Walter Mondale's daughter, Eleanor?*
- *Former U.S. President John F. Kennedy's brother, Robert?*
- *Former U.S. President Bill Clinton's mother, Virginia?*

- *Former U.S. Secretary of State, Condoleezza Rice’s mother, Angelena?*
- *One of Motorola’s top cell phone developers (30 years), Robert C. Kane, PhD, author of the book “Cellular Telephone – Russian Roulette”? Before dying, he sued Motorola.*
- *Canada’s Tragically Hip frontman, Gord Downie?*
- *Canada’s former NDP MP, Paul Dewar?*
- *O.J. Simpson’s famous lawyer, Johnnie Cochran?*

AUTHOR’S COMMENT: *It speaks volumes that governments, health officials, industry officials, and cancer agencies NEVER – repeat – NEVER mention EMF/EMR as being even a “possible” cause of cancer. But then, the wireless industry today is a multi-trillion dollar industry.*

27 January 2018: U.S. – 5G – beware of “phased arrays”

All 5G systems will use “phased array antennas,” which are used in the U.S. Air Force’s PAVE PAWS radar installation (the world’s most powerful radar stations). Their average power of 145,000 watts, using phased array antenna, enables them to achieve a peak radiation level of $>0.3 \text{ mW/cm}^2$ – the FCC’s safety limit – at a distance of ten miles in front of the radar station.

Inside a 5G Smart phone, phased arrays are going to concentrate their energy in narrow, steerable high power beams (up to 20 watts, vs the one or two watts that now power 4G phones).

The FCC will allow home-based Wi-Fi routers to radiate 300 watts (effective radiated power). The rules adopted by the FCC allow a 5G base station operating in the millimetre range to emit an ERP of up to 30,000 watts per 100 MHz of spectrum – meaning that it is possible for a telecom company that owns adequate bandwidth to emit an ERP of up to 900,000 watts.

A 30,000-watt beam will cook an egg, or an eye, at a distance of a few feet.

www.emfacts.com/2018/01/5g-and-phased-arrays/

January 29, 2018: China – A beam-steering antenna for 5G mobile phones

Researchers from Shanghai Institute for Advanced Communication and Data Science at Shanghai University in China have developed a 28 GHz beam-steering antenna array that can be integrated into the metallic casing of 5G mobile phones.

<https://spectrum.ieee.org/tech-talk/telecom/wireless/a-beam-steering-antenna-for-real-world-mobile-phones>

February 8, 2018: Corruption in Europe

The Public Health Agency of Sweden (Folkhälsomyndigheten) published a report in 2017 on environmental health issues ([Miljöhälsorapport 2017](#)) that included a section on EMF health risks authored by Anders Ahlbom (AA) and Maria Feychting (MF), both professors at the Karolinska Institute. Their report is grossly misleading about the available scientific evidence.

Both are members of ICNIRP and, between them, dominated all expert evaluations on health risks from low frequency electromagnetic fields and radiofrequency radiation from wireless technology for a decade in Sweden (2003-2011).

Furthermore they have been or are still experts to the WHO (MF 2015-2018), the EU (AA 2007, 2009), U.K. (MF) and Norway (MF). They are both also partly responsible for the standards (or reference values) that most countries apply for limiting exposure to electromagnetic fields.

www.emfacts.com/2018/02/anders-ahlbom-and-maria-feychting-mislead-about-research-on-health-effects-from-electromagnetic-fields-in-new-report/

The effects of all non-thermal radiation are cumulative

The invisible, silent, odorless and tasteless radiation (which scientists call “electrosmog”) all adds up – from each and every man-made 1G, 2G, 3G, 4G and 5G wireless RF product/device/gadget (including Smart meters and Smart appliances, etc.) and from ELF (power line infrastructure, household electrical wiring and appliances, tools, machinery, electric vehicles, etc.). Tragically, people are unable to sense or detect the invisible, silent, odorless and tasteless non-thermal electrosmog in which they live, work and play.

www.goodhealthinfor.net/radiation/health_efx_western.htm

Evidence that EMR and EMF are harmful to all life forms

A body of more than 6,000 studies has been accumulated since the 1930s producing an overwhelming conclusion that exposure to microwave and electromagnetic fields is significantly harmful to all life and health itself.

www.KlinghardtAcademy.com

Transmitter distances – how far they radiate

- Wi-max towers – 50 Km.
- Cell towers – < 40 km.(Towers are spaced two to three miles apart in the suburbs;¼-1/2 mile apart in high-density areas.)
- Cell phones – < 5 Km.
- Cordless Phones – < 900 feet.
- Wi-Fi routers: 802.11(a) 50', (b) 150', (g) 150' or (n) 1450'.
- Baby monitors: < 2000 feet.
- Bluetooth – <10 meters.
- Smart meters: 1) LAN < 3 Km. 2) ZigBee: < 246 feet.

Feb 11, 2018: 5G technology and the Internet of Things (IoT)

If the corrupt FCC and telecom companies have their way, 5G technology is soon to sweep the developed world. What ignorant, incompetent, gullible, naïve, greedy and/or corrupt western governments are allowing industry to do to you and your family constitutes a:

- 1) Crime against humanity,
- 2) Violation of your human rights, and a
- 3) Violation of the Nuremburg Code.

<https://maisonsaine.ca/english/5g-and-iot-a-trojan-horse.html>

March 29, 2018: Ominous for mankind – 5G from space

The FCC approves SpaceX's "Starlink" project: to launch constellation of 4,425 satellites within nine years. Starlink is to launch 100 satellites by 2019 and >800 by 2020, which is when it expects Starlink to be operational.

<http://spacenews.com/us-regulators-approve-spacex-constellation-but-deny-waiver-for-easier-deployment-deadline/>

April, 2018: U.S. – Cancers have increased in children

The CDC presented new findings of increasing rates of brain cancer, renal cancer, hepatic (liver) cancer, and thyroid cancer among individuals under 20 years old in the U.S. after analyzing 2001–2014 U.S. National Cancer statistics

tumor data from 48 states (covering 98% of the U.S. population).

<https://ehtrust.org/cdc-finds-brain-liver-and-thyroid-cancers-increasing-among-us-children-2001-2014/>

April, 2018: 5G technology and the IoT

Promises to connect us in our homes, schools, workplaces, cities, parks and open spaces to over a trillion objects around the world. It promises cars that drive themselves, washing machines that order their own washing powder and softener plus of course super-fast downloads and streaming.

<http://humansarefree.com/2018/04/5g-wireless-ridiculous-front-for-global.html>

April 10, 2018: U.K. – Street lamps suspected of causing a “humanitarian crisis”

Radiation from state-of-the-art street lamps installed in Gateshead, U.K., in 2016, are suspected of causing people to experience insomnia, nose bleeds and stillbirths, as well as a loss of birds and flying insects. The transmitters inside these street lights operate on 868 -870 MHz, which one expert says is a specific 5G frequency.

www.dailymail.co.uk/health/article-5409921/Residents-enduring-stillbirths-street-lamps.html

May, 2018: Most 5G studies are flawed – they do not consider that waves are pulsed

This is important because scientists know that pulsed waves have more profound biological effects on our body compared to non-pulsed waves. Previous studies, for instance, show how pulse rates of the frequencies led to gene toxicity and DNA strand breaks.

www.electricsense.com/12399/5g-radiation-dangers/

May 14, 2018: Planet emergency: the earth needs your help

It is an emergency not just because of the direct radiation from the satellites, but because of the location of the satellites in the ionosphere. The ionosphere is an integral part of the global electrical circuit that animates all living things. Even a few hundred satellites using the enormous amount of bandwidth that is available in the millimeter wave spectrum is expected to pollute the global electrical circuit -- and therefore our bodies -- with what building biologists call dirty electricity. This is likely to be catastrophic to all life on Earth.

www.cellphonetaskforce.org/planetary-emergency/

May 17, 2018: 5G is a great risk for E.U., U.S. and international health

There is compelling evidence for eight distinct types of great harm caused by electromagnetic field exposures and the mechanisms that cause them.

<https://es-ireland.com/2018/09/11/5g-great-risk-for-eu-u-s-and-international-health-compelling-evidence-for-eight-distinct-types-of-great-harm-caused-by-emf-exposures-and-the-mechanism-that-causes-them-prof-martin-l-pall/>

May 17, 2018: Global – Ominous news from a world-class scientist

“We know that sperm counts have dropped by more than 50% throughout the technologically advanced countries on earth ... I expect we will see a crash in human reproduction almost to zero as happened in the Magras and Xenos mouse study which I estimate to occur within about five years, without any increases in our exposure”, wrote Martin Pall PhD, Professor Emeritus of Biochemistry and Basic Medical Sciences, Washington State University. See allegations of corruption in SCENIHR, the telecommunications industry, the FCC and the FDA.

www.emfacts.com/2018/08/martin-palls-book-on-5g-is-available-online/

May 29, 2018: Global – International call to stop the rollout of 5G technology

The International Society of Doctors for the Environment, its subsidiaries in 27 countries and more than 200 doctors and scientists call to stop the rollout of 5G, due to concerns the radiation will have adverse health effects.

www.dailymail.co.uk/health/article-5784487/The-roll-5G-wireless-service-massive-health-experiment-public-health-expert-warns-a.html#ixzz5HQPG7jbN

AUTHOR’S COMMENT: *Elected officials, where is the precautionary principle?*

June 7, 2018: 5G networks

5G technology networks are expected to become critical to economic growth, in part because the world is becoming more interconnected. That includes an ever-rising number of Smart devices such as self-driving cars, home appliances and emergency communication networks, as well as automated and semi-automated

manufacturing, energy distribution networks and utilities, like water and sewer systems.

www.cbsnews.com/news/3-things-to-know-about-zte-and-huawei/

July 30, 2018: Australia – Class action suit against 5G is being developed

A meeting was held in Mullumbimby, Queensland led by Dariusz Leszczynski.

<https://betweenrockandhardplace.wordpress.com/2018/07/30/something-potentially-big-is-brewing-down-under-for-the-5g-a-class-action-lawsuit/>

www.emfacts.com/2018/08/more-on-a-class-action-against-5g-deployment-in-australia-2/

www.orsaa.org/

www.globalresearch.ca/what-you-dont-know-about-5g-but-will-find-out-when-its-too-late/5668614

August, 2018: Canada – Electromagnetic Pollution Illnesses Canada (E.P.I.C.)

The non-profit EPIC Foundation was formed to provide support and services to persons directly or indirectly affected by several types of electromagnetic pollution. It also provides information to the public about electromagnetic pollution and its impact on health and well-being. EPIC promotes the creation of healthy environments. EPIC's website is iexistworld.org and it is also on Twitter @iexistworld.

<http://ehsconnect.blogspot.com/2018/08/presidents-message-epic.html>

August, 2018: The 5G wireless bandwagon – why 5G?

It's about jobs and careers. It's about compensating for an industrial structure that has become derelict and not "engaged" in anything except increasing stockholder value and executive compensation.

Tim Schoechle, PhD.

<http://electromagnetichealth.org/electromagnetic-health-blog/5g-wireless-bandwagon/>

September, 2018: ICNIRP rejects “clear evidence” that RF EMR causes cancer

ICNIRP refused to find either the “gold-standard” U.S. National Toxicology Program study (the largest of its kind on RF EMR from cell phones) and/or the renowned Italian Ramazzini Institute study (on RF EMR from base station/cell towers) convincing – both of which independently concluded that cell phones and cell towers CAUSED cancers. In typical stalling fashion (reminiscent of

tobacco industry tactics) ICNIRP said: “further research is required”.

<https://microwavenews.com/ShortTakes.html>

<https://mdsafetech.org/ntp-study-2016/>

September, 2018: North America – cancer projections are frightening

It is estimated that one in two Canadians and one in three Americans will get cancer. Yet NOT ONCE did the one-hour program even mention EMFs or EMR – in ANY context.

www.cbc.ca/news/health/cancer-society-annual-statistics-report-1.4168784

AUTHOR’S COMMENT: *On what planet do they live? Or are they simply afraid to look at the existing evidence?*

September 9, 2018: U.S. – Three California communities say “no” to 5G

Mill Valley, CA (pop. approx. 14,000, just north of San Francisco) blocks 5G deployments over cancer concerns, as San Anselmo and Ross had done previously.

<https://techcrunch.com/2018/09/10/bay-area-city-blocks-5g-deployments-over-cancer-concerns/>

October 30, 2018: Global – Urgent wake-up call

Scientists publicly condemn ICNIRP and demand that non-thermal EMFs be classified a known human carcinogen. In Germany, in a recent test of 5G, at least 298 healthy birds fell dead from the sky. 5G paves the way for a surveillance dictatorship to such an extent that not even George Orwell could have anticipated it.

www.emfcall.org/

2018: Global – Modern cars are like microwave ovens on wheels

In part, the Greek scientist who wrote this article said: “EMFs in a car in motion with brakes applied + ABS activation may well exceed 100 mG. Adding RF radiation from blue tooth, Wi-Fi, the cell phones of the passengers, the 4G antennas laid out all along the major roads plus the radars of cars already equipped with, located behind, left or right of a vehicle, the total EMF and EMR fields will exceed any limits humans can tolerate over a long period of time.”

www.radiationdangers.com/automotive-radiation/

November, 2018: Li-Fi instead of RF frequencies for 5G technology

Li-Fi includes both infrared and visible light spectrum for high speed data communication and extends the concept of visible light communication (VLC) to achieve high speed, secure, bi-directional and fully networked wireless communications. It is important to note that Li-Fi supports user mobility and multiuser access. The size of the infrared and visible light spectrum together is approximately 2600 times the size of the entire radio frequency spectrum of 300 GHz, and Peak 8 Gbps from a single light source have been demonstrated. Because 5.4 GHz is becoming saturated with users, new frequencies are available via the introduction of WiGig (Wireless Gigabit Alliance) which uses the unlicensed spectrum between 57 GHz-66 GHz, i.e., a maximum possible bandwidth of 9 GHz. It is conceivable that the wireless industry and the lighting industry will merge into one.

www.sciencedirect.com/science/article/pii/S2405428317300151

November 1, 2018: Global – Governments are urged to listen – and to protect the public

In a press release, 157 scientists and medical doctors together with 86 non-governmental organizations (NGO's) from all over the world are calling for more protective limits for exposure to radiofrequency radiation from wireless technologies. In a joint statement, The EMF Call, they conclude that the ICNIRP guidelines are unscientific and do not protect against harmful health effects including cancer.

www.saferemr.com/2018/07/icnirps-exposure-guidelines-for-radio.html

November, 2018: Global – The IT industry is polluting the earth

The Information Technology industry is predicted to account for 14% of the world's total carbon emission by 2040.

<https://watershedsentinel.ca/articles/5g-corporate-grail/>

November, 2018: U.S. – The corrupt FCC authorizes frequencies for 5G

In the U.S., the FCC has allocated these frequencies for 5G use: 0.6 GHz, 3.5 GHz range, 11 GHz, 27.5 to 28.35 GHz, and 37 to 40 GHz, as well as unlicensed spectrum from 64-71 GHz which is open to all wireless equipment manufacturers.

November 5, 2018: U.S. – The \$30 million, 16-year, NTP study

The National Toxicology Program study, the largest of its kind and considered to be the “gold standard” for research projects, found “clear evidence” that wireless radiation CAUSES brain cancer, heart cancer and DNA damage.

www.prnewswire.com/news-releases/brain-cancer-1-for-children-15-19-yrs-while-fda-minimizes-risk-from-conclusive-nih-study--us-brain-tumor-associationcom-300743742.html

November 15, 2018: U.S. – The FCC approves SpaceX plan to launch 11,943 satellites

The FCC tells SpaceX it can deploy <11,943 broadband satellites for its global broadband internet: 37.5 and 42 GHz (Space to Earth), and 47.2 and 51.4 GHz (Earth to Space) 5G and broadband from space and airplanes.

AUTHOR’S COMMENT: *It is inconceivable that any sane government official can be so ignorant, so uncaring and so arrogant as to permit another commercially-focused but technologically ignorant human being to deliberately and knowingly beam hazardous pulsed non-thermal radiation to earth, such that no person and no living thing anywhere on the planet can escape the radiation.*

November 15, 2018: Global – Still more satellites

- SpaceX – 11,943.
- Kepler Communications – 140.
- TelesatCanada -117.
- LeoSat – 78.
- This is in addition to the 1886 satellites already operating.

5G and broadband from space and airplanes

November 30, 2018: International Appeal: “Stop 5G on earth and in space”

Thus far, more than 30,000 people have signed the appeal which will go to the UN, the WHO, the EU, the Council of Europe and to the governments of all nations. (See update: June 3, 2019).

www.5gspaceappeal.org/the-appeal

December 3, 2018: U.S. – U.S. Congress demands proof that 5G is safe

U.S. Senator Richard Blumenthal (a member of the Senate Commerce Committee) and Rep. Anna Eshoo ask FCC for proof that 5G wireless technology is safe. Deadline for FCC reply is December 17, 2018 (See statement below dated February 5, 2019).

https://ctmirror.org/2018/12/03/blumenthal-wants-fcc-prove-5g-wireless-technology-safe/?fbclid=IwAR2TY5wGqTaKo5vUDSdkeCMsYA8F6NbAwwADn7Z_Uzl44jvFj6ZAYw9anxQ

December 4, 2018: 5G technology and the IoT

While there is still time, educate yourself – mankind and the planet Earth could be at risk.

<https://mdsafetech.org/problems/5g/>

https://ehtrust.org/wp-content/uploads/5G_What-You-Need-to-Know.pdf

December 14, 2018: Global - 5G gigantic health hazard

In this YouTube video, Barrie Trower, interviewed by Sir Julian Rose, said:

“In three generations of humans, only one in eight children can expect to be born healthy.

Some plants and animals, some species will be totally extinct in five generations.”

<https://news-intech.blogspot.com/2019/02/dr-barrie-trower-sir-julian-rose-5g.html>

December 21, 2018: U.S. – Federal lawsuit to stop 5G

On this date, the Santa Fe Alliance for Public Health and Safety filed a lawsuit to stop 5G in the U.S. District Court in New Mexico. The suit asked the court to declare that city, state, and federal laws which deprive citizens of the right to protect themselves from harm, and deprive injured persons of any remedy for their injuries, are unconstitutional and void.

www.cellphonetaskforce.org/wp-content/uploads/2019/01/Doc-19-First-Amended-Complaint.pdf

2018: North America – Lawsuits against EMF and RFR (cell phones, Wi-Fi networks, Smart meters, cell towers)

- 1992 – First lawsuit claiming cell phones cause brain cancer.

www.rfsafe.com/wsj-reports-murray-cellphone-cancer-case-may-cost-wireless-industry-over-1-9-billion-dollars/

- July, 2010 – U.S. cell phone industry (CTIA) successfully sued City of San Francisco to stop the city from passing an ordinance that would have required cell phone retailers to display the radiation levels emitted from cellphones. (Scientists say that FCC's rules, put in place in 1997, are outdated and geared toward adult males.)

http://voices.washingtonpost.com/posttech/2010/07/ctia_sues_san_francisco_for_ce.html

- 2012 - EMF Safety Network files lawsuit in California Superior Court against the city of Sebastopol 4G cell tower.
- 2013 – Sacramento, CA. – Smart meters.

<http://emfsafetynetwork.org/tag/lawsuit/>

<http://emfsafetynetwork.org/american-academy-of-environmental-medicine-calls-for-a-halt-to-wireless-smart-meters/>

- 2014 - EMR Safety – cell phone industry product liability.

www.saferemr.com/2014/08/major-breakthrough-in-cellphone.html

- 2015 – The CTIA sued the city of Berkeley, CA – but lost (as did their appeal in the Supreme Court) to stop the city from warning purchasers of cell phones, as San Francisco had tried to do in 2010 (see entry below).

www.law.com/therecorder/2019/07/02/berkeley-ordinance-requiring-cell-phone-retailers-to-warn-consumers-will-remain-in-place-ninth-circuit-rules/

- 2015 – Articles about lawsuits filed against cell phone manufacturers and/or operators. Also, articles about insurance companies' refusal to insure against consequences of electromagnetic pollution.

www.emfbioshield.net/eng-lawsuits#!

- 2015 – Washington, D.C. – 13 court cases link cell phones to brain tumors, seeking a total of more than \$1.9 billion in damages.

www.rfsafe.com/wsj-reports-murray-cellphone-cancer-case-may-cost-wireless-industry-over-1-9-billion-dollars/

- 2015 – Massachusetts school's Wi-Fi network allegedly caused son's EHS.

<https://abcnews.go.com/Health/wi-fi-lawsuit-claims-electromagnetic-radiation-exposure-caused/story?id=33336635>

- 2018 – Citizens of Quebec file class action suit against EMF and RFR producers.

www.wakingtimes.com/2018/07/26/citizens-of-quebec-file-class-action-suit-against-emf-and-rfr-producers/

2019: U.S. – Breast cancer in U.S. women

- About one in eight U.S. women will develop invasive breast cancer in their lifetime.
- Breast cancer death rates are second only to lung cancer.
- About 85% of breast cancers occur in women who have no family history of breast cancer.

AUTHOR'S COMMENT: Yet no one ever mentions EMF/EMR as a possible cause.

www.breastcancer.org/symptoms/understand_bc/statistics

2019: U.S. – Alzheimer's disease, men and women

- Increase in deaths from Alzheimer's was 145% between 2000 and 2017.
- Although currently ranked sixth leading cause of death in the U.S., recent estimates indicate that the disorder may rank third, just behind heart disease and cancer, as a cause of death for older people.
- Cost to the nation <\$234 billion.
- In 2018, estimated cost of care per person: \$350,184.

www.alz.org/alzheimers-dementia/facts-figures

<https://order.nia.nih.gov/sites/default/files/2018-09/alzheimers-disease-fact-sheet.pdf>

January, 2019: Ignorance and greed are responsible for this government-sanctioned genocide

On the premise that non-industry scientists are correct, the FCC (who has no EMR scientists of its own and is accused of having been “captured” by the very industries it is supposed to regulate) is guilty of unwittingly authorizing industry to conduct activity that will decimate planet Earth’s population – which promises to be the worst genocide ever experienced.

- The FCC has approved companies to launch a total of at least 20,000 low and high orbiting satellites, which will irradiate every inch of planet Earth with powerful, focused microwave energy that will penetrate buildings and human bodies.
- In addition to the above, here on Earth, the FCC is also aggressively championing telecom companies to install millions of small cell towers on electric utility poles, on public buildings and schools, on bus stop shelters, in public parks, and anywhere they want in national parks and on federally owned land. Of necessity, land-based cell towers will be spaced not more than every ten houses apart.

January 5, 2019: United Nations – Staff member warns of 5G danger

Their own Claire Edwards alerted the U.N. that since December 2015, the UN staff have been exposed to off-the-scale electromagnetic radiation from Wi-Fi and mobile phone boosters installed on very low ceilings throughout the buildings. Current public exposure levels are at least one quintillion (that’s 18 zeros) above natural background radiation according to Professor Olli Johansson of the Karolinska Institute in Sweden.

<https://digitalsurvivor.uk/2019/01/05/united-nations-staff-member-warns-of-5g-danger/>

January 16, 2019: Italy – Court orders government to educate the public about the dangers of cell and cordless phones

In a victory for advocates of precaution, an Italian court has ordered the government to launch a campaign to advise the public of the health risks from mobile and cordless phones. Must begin by July 16; Government will not appeal decision. In a joint [press release](#), three different ministries —of Health, of Environment and of Education and Research— acknowledge that there is a need to raise public awareness on how to use mobile phones safely.

<https://microwavenews.com/short-takes-archive/short-takes-archive>

January 28, 2019: U.S. – Autism claims even more of our children

In November of 2018, a new study of children between the ages of three to 17 was published by the government indicating that the prevalence rate of autism is now approximately one in 40 children. This is a striking increase when you compare this rate with the rates found by the CDC. From previous studies, it is estimated that boys are four times as likely to be autistic than girls. The cost of caring for a child with ASD (medical and non-medical services), is \$17,000 per year more than caring for a child without ASD.

<https://harkla.co/blogs/special-needs/autism-statistics>

January 31, 2019: Cancer and ASD in children

Cancer is the number one disease-related cause of death in American children ages one through 14, leukemia and malignancies of the central nervous system being the most common. ASDs have increased in lockstep with pediatric cancers. The latest stats show that in 2016, one in 36 children in the U.S. was autistic, compared with one in 10,000 in 1970.

<https://healthimpactnews.com/2018/childhood-cancers-rising-same-as-autism-cancer-now-1-cause-of-death-in-children/>



February, 2019: Radiation measurements of power density or signal strength in $\mu\text{W}/\text{cm}^2$

0.0000000002 (2 billionths of 1 $\mu\text{W}/\text{cm}^2$)	Minimum level at which cell phones will work.
0.05	Children experience headache, irritation, concentration difficulties, behavioural problems.
0.1	Baubiologie (Germany) Extreme Concern.
1.0	Laptop Wi-Fi: sperm DNA fragmentation and decrease in sperm viability.
1.0	Headache, dizziness, irritability, fatigue, weakness, insomnia, chest pain, difficulty breathing, indigestion.
2.5	Altered calcium metabolism in heart muscles.
4.0	Changes in hippocampus affecting memory and learning.
6.0	DNA damage in cells.
7.93	Single Smart meter (about one foot away from meter).
9.5	Switzerland, Liechtenstein, Luxembourg safety limit.
10.0	China, Poland, Russia safety limit - this is the same level at which behaviour has been altered producing reflexes of avoidance following 30-minute exposures.
19.8	Room of 12 Smart meters, which is hundreds of times higher than levels which clearly indicate harmful effects.
600-1000 $\mu\text{W}/\text{cm}^2$	Canada's and U.S.'s safety limit (which are 600 to 1,000 times higher than levels which are known to damage health according to peer-reviewed published science).

<https://youtu.be/ol3tAxnNccY>

February, 2019: Inexcusable insanity, and certain

• •

genocide

Planet Earth is to be completely blanketed with toxic microwave radiation from 5G frequencies:

- 20,000 satellites – using extremely powerful phased array antennas (in clusters, each of which contains hundreds of tiny antennas),
- Land-based micro cell towers will fill every community spaced no further apart than every tenth home, plus,
- 5G cell phones will need to emit 10x power of current cell phones to enable their radiated “energy” to escape from the interior of conventional buildings with sufficient strength to communicate with an orbiting satellite.

<https://healthimpactnews.com/2019/20000-satellites-for-5g-to-be-launched-sending-focused-beams-of-intense-microwave-radiation-over-entire-earth/>

https://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf

AUTHOR’S COMMENT: *No human, animal, bird, fish, insect, tree or plant will be able to escape – or survive – the sum of the invisible and silent 2G, 3G, 4G and 5G radiation as well as the EMFs produced by electricity. Collectively, this radiation is known as electrosmog, which already saturates every inch of space on planet Earth. All life will be doomed.*

www.electrosmogprevention.org/international-electrosmog-prevention-news/stop-5g/martin-pall-phd-dangers-of-5g/

February 2, 2019: Public is waking up to fact that 5G has not been proven safe for human health

Readers must view and read the reference. In part it says: “This kind of intervention (referring to the need for the U.S. Congress to intervene) is crucial, because the FCC is clearly under the control of telecom companies, and the FCC does the bidding of corporate interests. Only Congressional action at this point can turn the FCC around.”

<https://healthimpactnews.com/2018/public-waking-up-to-fact-that-5g-has-not-been-proven-safe-for-human-health/>

February 14, 2019: Global – Which countries are using 5G technology?

In order, the leaders are: China, South Korea, the U.S. and Japan.

www.quora.com/5G-Communications-Which-countries-are-using-5G-technology?fbclid=IwAR0rRXbue3KhOKdn2_k2tKm6fz3fHqh2Q_XiC90_NPOKuyYD0rOytJL1zvM

February 6, 2019: Wireless industry admits no studies show 5G technology is safe

At the U.S. Senate Commerce, Science, and Transportation Committee hearing on the future of 5G wireless technology, U.S. Senator Richard Blumenthal grilled wireless industry representatives, who admitted the industry has done ZERO health and safety studies on 5G technology. Meanwhile, dozens of independent studies indicate that 5G is a risk to all biological life.

<https://takebackyourpower.net/senate-hearing-wireless-industry-confesses-no-studies-showing-5g-safety/>

February 13, 2019: Global – The dangers of 5G to children’s health

The “giant uncontrolled experiment” on children and adults has already begun, despite an urgent international appeal by tens of thousands of scientists, doctors, environmental organizations and citizens calling for a halt to 5G deployment. In 2018, telecom carriers in the U.S. and Europe began rolling out 5G technology in dozens of cities.

<https://childrenshealthdefense.org/news/the-dangers-of-5g-to-childrens-health/>

February 15, 2019: Europe – The ICNIRP “Cartel” exposed

“Investigate Europe” (nine experienced journalists from eight European countries) identified 14 scientists who protect ICNIRP’s obsolete and inadequate EMF exposure guidelines by preparing biased reviews of the research literature. At least eight have had industry research funding. An interactive graph depicts the interconnections between these scientists and governmental and quasi-governmental agencies; those named were: Martin Rösli, Anthony Swerdlow, Maria Feychting, Simon Mann, Anders Ahlbom, Joachim Shüz, Zenon Sienkiewicz, Maria Rosarta Scarfi, Norbert Leitgeb, Michael Repacholi, Sarah Loughran, Emilie van Deventer, Gunnhild Qftedal (sp?), Eric van Rongen.

www.kumu.io/Investigate-Europe/das-experten-netzwerk

<http://bit.ly/ICNIRPcartelEnglish>

www.saferemr.com/2018/07/icnirps-exposure-guidelines-for-radio.html

February 18, 2019: U.S. – 5G technology will be much

more harmful than industry claims

The CIA translation of Russian scientific studies of non-pulsed (i.e., continuous wave) millimetre wave frequencies (30 GHz – 300 GHz) concluded that these frequencies were biologically harmful. Because pulsed modulation is known to be considerably more harmful biologically than is continuous wave, and because today's telecom industry is poised to unleash its 5G technology on millimeter frequencies (none of which has been tested for safety to humans) that will emit their energy in pulses, Russian scientists should be heeded. To quote Dr. Martin Pall, Professor Emeritus, Washington State University: "I want to emphasize here that these CIA translated studies have produced findings that produce high level concern with regard to non-pulsed millimeter wave EMFs. We have every reason to expect much greater concerns for genuine 5G radiation with all of its very high levels of pulsation."

www.maisonsaine.ca/english

February 21, 2019: Global – What chance is there with an uninformed U.S. president?

Donald J. Trump tweeted: "I want 5G, and even 6G, technology in the United States as soon as possible. It is far more powerful, faster, and Smarter than the current standard. American companies must step up their efforts, or get left behind. There is no reason that we should be lagging behind on....."

<https://tinyurl.com/y39nm5md>

February 25, 2019: U.S. – Ex-White House scientist says 5G should be stopped

Ron Powell, PhD, states: "There is NO SAFE WAY to implement 5G in our communities; rather there are only bad ways and worse ways. So local control means that local governments can have a say in the choice among the bad ways."

<https://emfrefugee.blogspot.com/2019/04/former-us-presidential-advisor-ron.html>

March 12, 2019: U.S. – Beware of Bluetooth headphones; they could cause brain cancer

Wireless headphones could pump radiation directly into your brain and harm your health, a biochemist has warned. According to Jerry Phillips, professor of biochemistry at the University of Colorado at Colorado Spring, there is evidence which "indicates potential concerns for human health and development from all

technologies that operate at radio frequencies.”

www.health.com/condition/cancer/bluetooth-wireless-headphones-cancer

<https://politicalbullpen.com/t/wireless-headphones-could-pump-radiation-into-your-brain-cause-cancer-and-kill-you/2437>

March 15, 2019: U.S. – FCC opens up experimental spectrum licenses for 6G

FCC unanimously voted to open up “terahertz (submillimeter) wave” spectrum (95 GHz to 3 THz) that could one day be used for 6G services, and will be open for experimental use to let engineers dreaming of the next generation of wireless begin their work.

www.cnet.com/news/fcc-opens-up-experimental-spectrum-licenses-for-6g/

April 4, 2019: Global – Amazon is considering launching its own 3,236 satellites

Known as “Project Kuiper,” if launched, these low Earth-orbiting satellites would provide global internet service delivering high-speed internet service to rural underserved and unserved communities, opening up the possibility of millions of potential new Amazon.com customers.

<https://stopthecap.com/2019/04/04/amazon-planning-to-launch-satellite-internet-for-rural-communities-worldwide/>

April 5, 2019: Belgium – Brussels says NO to 5G

Brussels is first major international city to block 5G. However, dozens of local governments have passed legislation to prevent or restrict the implementation of 5G access due to concerns about possible health effects.

“I cannot welcome such technology if radiation standards, which must protect the citizen, are not respected. The people of Brussels are not guinea pigs whose health I can sell at a profit,” said Céline Fremault, Minister of the government of the Brussels-Capital Region.

<https://brussels-express.eu/brussels-suspends-5g-plan/>

April 10, 2019: Global – Lawmakers halting or resisting 5G

Quoting Barrie Trower, “17 countries have taken avoidance action.”

- U.S. – Portland, Oregon city officials state clear opposition. (24 March)

- **Italy** – Florence applies the precautionary principle. Refuses 5G. (28 March)
- **Italy** – One Roman district votes against 5G, others expected to follow. (28 March)
- **Russia** – The Russian Ministry of Defense refuses to transfer frequencies for 5G, effectively delaying any 5G rollout for years. (28 March)
- **Belgium** – The Environment Minister announced that Brussels is halting 5G rollout plans, saying, “The people of Brussels are not guinea pigs whose health I can sell at a profit. (5 April 2019)
- **Germany** – Germans sign a petition en masse to force the German Bundestage to debate 5G. (4 April)
- **Netherlands** – MPs in the Netherlands insist that radiation research must be carried out before any approval of the 5G network. (4 April)
- **U.S.** – California Supreme Court Justices unanimously uphold a 2011 San Francisco ordinance requiring telecommunications companies to get permits before placing antennas on city infrastructure. (5 April)
- **Switzerland** – Canton of Vaud adopts a resolution calling for a moratorium on 5G antennas until the publication this summer of a report on 5G by the Swiss Federal Office for the Environment.

<https://www.takebackyourpower.net/5g-the-dominoes-are-starting-to-fall/>

April 10, 2019: Canada – 600 MHz penetrates buildings, elevators and parking garages

Telus Communications Inc. bought at auction new 600 MHz spectrum licenses in British Columbia, Alberta, Saskatchewan, Ontario and Quebec for \$931 million. This band of frequencies is important because they can travel great distances in rural areas and infiltrate barriers to better reach in-building locations such as elevators and parking garages, making it highly conducive to 5G deployment.

www.globenewswire.com/news-release/2019/04/10/1802374/0/en/TELUS-secures-new-600-MHz-spectrum-licences.html

April 11, 2019: Switzerland – Geneva also passed a moratorium against 5G

This occurred one week after Brussels, Belgium had halted 5G.

<https://takebackyourpower.net/5g-vaud-switzerland-adopts-moratorium/>

April 12, 2019: U.S. – 5G rollout facing \$1 trillion class action lawsuit

- Only a serious legal challenge can immediately suspend the catastrophic deployment of 5G.

<https://terb.cc/vbulletin/showthread.php?671700-5G-Roll-out-Facing-1-Trillion-Class-Action-Lawsuit&s=21cd883f9f5c8042908f34745425fec3>
<http://stateofthenation2012.com/?p=120705>

April 17, 2019: Switzerland – Telcos forge ahead with 5G

Despite four cantons in western Switzerland: Vaud, Geneva, Neuchatel and Jura, who moved to suspend authorizations for new 5G mobile antennas pending a government report on their safety, two telecom operators: Swisscom and Sunrise have launched their separate 5G mobile communications networks.

www.swissinfo.ch/eng/business/mobile-communications_swisscom-forges-ahead-with-5g-amid-safety-fears/44888638

April 19, 2019: Germany, Switzerland – Protest 5G and all things wireless

Protests around the world.

www.diagnose-funk.org/bibliothek-news/artikel/detail&newsid=1394
www.theunion.com/news/5g-fear-protesters-rally-in-grass-valley/

April 22, 2019: Global – IARC urged to revisit cancer risk from RF

An advisory committee of 29 members from 18 countries has recommended that the IARC reassess the cancer risks associated with RF radiation. This should be a “high priority,” according to the panel’s report, which was issued last week. The group suggests that the new evaluation take place between 2022 and 2024.

April 25, 2019: U.K. to allow limited 5G access to Huawei despite security threat

Telecoms company Huawei is directly linked to the Chinese government but

despite warnings from the U.K.'s intelligence services that this could compromise national safety, Britain has contracted it to roll out some parts of its 5G network.

www.aljazeera.com/news/2019/04/uk-limited-5g-access-huawei-concerns-190425104129114.html

April 26, 2019: China – 5G can easily lead to a police state

In China, which has installed 350,000 5G relays – about ten times more than the U.S. – enhanced geolocation, coupled with an expansive network of surveillance cameras, each equipped with facial-recognition technology, has enabled authorities to track and subordinate the country's 11,000,000 Uighur Muslims. According to the Times, “the practice makes China a pioneer in applying next-generation technology to watch its people, potentially ushering in a new era of automated racism.”

www.newyorker.com/news/annals-of-communications/the-terrifying-potential-of-the-5g-network?utm_source=pocket-newtab

www.nytimes.com/2019/04/14/technology/china-surveillance-artificial-intelligence-racial-profiling.html

April 29, 2019: Global – Two thousand satellites already irradiating earth

There are at present approximately 2,000 fully functioning satellites orbiting the Earth. Some beam down commercial GPS (or “SatNav”), some provide TV, some provide mobile phone services, and some bounce radar back and forth to produce images for meteorologists and military surveillance. The Earth is thus already comprehensively irradiated from outer space.

<https://globalresearch.us11.list-manage.com/track/click?u=2cc48fb30f331d97157a65aa2&id=031e953c66&e=57733a0491>

May, 2019: Ground-based 5G – explained

In order to transmit the enormous amounts of data required for the IoT, 5G technology, when fully deployed, will use millimetre waves, which are poorly transmitted through solid material. This will require every carrier to install base stations every 100 metres in every urban area in the world.

Unlike previous generations of wireless technology, in which a single antenna broadcasts over a wide area, 5G base stations and 5G devices will have multiple antennas arranged in “phased arrays” that work together to emit focused, (electronically) steerable, laser-like beams that track each other.

Each 5G phone will contain dozens of tiny antennas, all working together to track and aim a narrowly focused beam at the nearest cell tower. The FCC has adopted rules permitting the effective power of those beams to be as much as 20 watts, ten times more powerful than the levels permitted for current phones.

Each 5G base station will contain hundreds or thousands of antennas aiming multiple laser-like beams simultaneously at all cell phones and user devices in its service area. This technology is called “multiple input multiple output” or MIMO. FCC rules permit the effective radiated power of a 5G base station’s beams to be as much as 30,000 watts per 100 MHz of spectrum, or equivalently 300,000 watts per GHz of spectrum, tens to hundreds of times more powerful than the levels permitted for current base stations.

May, 2019: Space-based 5G explained

At least five companies are proposing to provide 5G from space from a combined 20,000 satellites in low- and medium-Earth orbit that will blanket the Earth with powerful, focused, (electronically) steerable beams.

Each satellite will emit millimetre waves with an effective radiated power of up to five million watts from thousands of antennas arranged in a phased array. Although the energy reaching the ground from satellites will be less than that from ground-based antennas, it will irradiate areas of the Earth not reached by other transmitters and will be additional to ground based 5G transmissions from billions of IoT objects.

Even more importantly, the satellites will be located in the Earth’s magnetosphere, which exerts a significant influence over the electrical properties of the atmosphere. The alteration of the Earth’s electromagnetic environment may be an even greater threat to life than the radiation from ground-based antennas.

www.5gspaceappeal.org/

May, 2019: Harm to human health from 5G radiation – explained

More than 10,000 peer-reviewed scientific studies demonstrate harm to human health from RF radiation. Effects include:

- Alteration of heart rhythm,
- Altered gene expression,

- Altered metabolism,
- Altered stem cell development,
- Cancers,
- Cardiovascular disease,
- Cognitive impairment,
- Dna damage,
- Impacts on general well-being,
- Increased free radicals,
- Learning and memory deficits,
- Impaired sperm function and quality,
- Miscarriage,
- Neurological damage,
- Obesity and diabetes,
- Oxidative stress.

Effects in children include:

- Autism,
- Attention deficit hyperactivity disorder (ADHD),
- Asthma.

Damage goes well beyond the human race, as there is abundant evidence of harm to diverse plants, wildlife and laboratory animals, including:

- Ants,
- Birds,
- Forests,
- Frogs,
- Fruit flies,
- Honey bees,
- Insects,
- Mammals,
- Mice,
- Plants,
- Rats,
- Trees.

www.5gspaceappeal.org/

May 1, 2019: Global – BioInitiative 2012: updated research summaries

Clearly the trend continues that the great majority of studies report effects of low-intensity exposures to both ELF-EMF and RFR, and a small percentage of published studies report that no effects are seen.

<https://bioinitiative.org/updated-research-summaries/>

May 4, 2019: Denmark – Lawyers say 5G system violates several laws

The legal opinion concluded that establishing and activating a 5G network, as it is currently described, would be in contravention of current human and environmental laws enshrined in the European Convention on Human Rights, the UN Convention on the Rights of the Child, EU regulations, and the Bern- and Bonn-conventions. The reason is the very significant body of scientific documentation available, showing that radiofrequency electromagnetic radiation is harmful and dangerous to the health of humans (particularly children), animals and plants.

www.sciencedirect.com/science/article/abs/pii/S138357180500032X

May 10, 2019: Switzerland – National rally to stop 5G

Petition was launched and national rally to stop 5G will be held in Bern.

www.diagnose-funk.org/bibliothek-news/artikel/detail&newsid=1394

May 15, 2019: U.S. – National 5G day of action

Planned by Americans for Responsible Technology, “5G isn’t an upgrade, it’s a massive increase in wireless radiation exposure.” Hence the nationwide rallies to oppose 5G small cell towers in front of homes.

<https://whatis5g.info/wp-content/uploads/2019/05/5-15-flyer-Bethesda-v2.pdf>

<https://generationzapped.com/watch-the-film/>

May 15, 2019: Canada – “EMF-OFF!” registers as an intervenor with Canadian Radio-television and Telecommunications Commission (CRTC) review of

5G

5G

EMF-OFF!, a not-for-profit organization engaged in promoting awareness of the effect of EMFs ”... asserts that the health and safety, environmental and privacy-related risks raised in this submission are issues that the Commission should be aware of and potentially make determinations on as part of this proceeding, and requests to appear at the public hearing. In consequence, EMF-OFF! recommends in the strongest terms that the CRTC discourage further steps associated with the 5G rollout, and that it attach terms and conditions related to these issues in any guidance or regulation concerning the 5G rollout.”

Magda Havas, PhD., Professor Emeritus, Kent University.

May 20, 2019: Globally – Hundreds of respected scientists sound alarm re dangers of 5G

Numerous recent scientific publications have shown that EMF affects living organisms at levels well below most international and national guidelines. Effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and memory deficits, neurological disorders, and negative impacts on general well-being in humans. Damage goes well beyond the human race, as there is growing evidence of harmful effects to both plant and animal life.

www.zerohedge.com/news/2019-05-20/5g-danger-100s-respected-scientists-sound-alarm-about-health-effects-5g-networks-go

May 21, 2019: North America – Ultrasound pregnancy risks

A single exposure to ultrasound causes DNA damage similar to 250 Chest X-Rays. Damage was permanent and heritable for ten generations and beyond.

<https://www.electricsense.com/14745/ultrasound-pregnancy-risks/>

May 21, 2019: Baby monitors and a child’s brain

Wireless “baby monitors will destroy the baby’s brain early on,” said Dr. Dietrich Klinghardt.

<https://www.electricsense.com/14745/ultrasound-pregnancy-risks/>

May 22, 2019: Global – Swiss relists 5G mobile networks as a top emerging risk

Their top five emerging risks include potential threats from the spread of 5G mobile networks, etc.

www.swissre.com/institute/research/sonar/sonar2019.html

May 22, 2019: Switzerland – Only 38% of young Swiss men are fertile

The study, which analyzed sperm from 2,523 men between the ages of 18 and 22 who were conceived and born in Switzerland, found problems with the number and health of sperm in most of the samples. In Switzerland, the number of infertile couples resorting to medically assisted procreation doubled in the eight years from 2002 reaching around 6,000 in 2010.

<https://lenews.ch/2019/05/22/only-38-of-young-swiss-men-fertile-according-to-research/>

May 23, 2019: U.S. – SpaceX launches first sixty 5G satellites

Elon Musk plans six more launches this year and hopes to turn on 5G from 420 satellites by the end of 2019 to SpaceX's first customers. Within a decade he expects his fleet of satellites will number 12,000.

May 24, 2019: Global – 5G phased array antennas and Brillouin precursors

A Brillouin precursor is a very fast pulse of radiation, which when it enters the human body, may generate a burst of energy that can travel much deeper than predicted by conventional models. No research has been carried out on Brillouin precursor creation with 5G phased array antennas – but it looks like a distinct possibility, considering the download speeds, which are implicated with the creation of Brillouin precursors.

A 10 Gbps (gigabits per second) data rate or higher would, however, be sufficient (to create Brillouin precursors), and that would be worrisome.

<https://betweenrockandhardplace.wordpress.com/2019/05/24/guest-blog-can-5g-phased-array-antennas-generate-brillouin-precursors-by-don-maisch/>

May 29, 2019: Switzerland – Mobile telecom companies not supported by government

Mobile operators that have invested in 5G technology will not be financially compensated by the state if stricter laws are introduced – the financial cost of

compensated by the state if stricter laws are introduced ... the financial cost of complying with scientifically-backed new legislation will have to be borne by the telecom companies. The Swiss government will apply the precautionary principle to 5G mobile communications and can tighten existing laws in the face of new scientific evidence on risks.

<https://emfrefugee.blogspot.com/2019/05/switzerland-mobile-operators-that-have.html>

May 31, 2019: Canada – Ontario doctors warn 5G will raise health care costs

In Canada's largest province, doctors treating patients from over-exposure to wireless radiation will join scientists at Queen's Park today to recommend the Ontario government take steps to protect public health before the rollout of wireless 5G – the next generation of cell phone technology.

http://c4st.org/ontario-doctors-warn-of-rising-health-care-costs-after-5g-roll-out/?fbclid=IwAR2U-maRzKwjNh_SHx2yPR4OAKyFjsvVa-ex3_m8GUcNXUuy4qs2g-I5hKE

June, 2019: Poland – The Prime Minister signed the appeal to stop 5G

He signed the “International Appeal to Stop 5G on Earth and in Space.” He has opened the way for leaders in other countries to take the same step, thereby protecting their citizens from a potentially highly dangerous and untested technology whose repercussions for health and welfare are without precedent.

<http://humansarefree.com/2019/06/polands-pm-signs-global-appeal-to-stop.html>

June 2, 2019: Global – Urgent wake-up call: 5G is a danger for life and limb

In the entire history of humanity, 5G is the most serious intervention of man in nature. Due to the exponential increase of exposure to radiation, not only is our physical integrity dramatically endangered, but 5G is also a door-opener for the total surveillance of humanity.

www.youtube.com/watch?v=guLu2S8gd7Y

June 3, 2019: Canada – Those who have a choice for fast and healthy internet

How may coastal communities in British Columbia build the healthiest, fastest, and most sustainable communications infrastructure possible – systems that benefit citizens, wildlife, and local economies? There are three options.

1. The preferred option is for communities to go with fiber, but keep existing copper landlines. Without copper-wired phones, during extended power outages, they may have no way of calling for emergency help.
2. The next-best option is to create a community-owned fiber optic-to-the-premises network.
3. Don't rely on telecoms to do it for you. It is unlikely traditional internet service providers will find the profit incentive to complete your project, and for financial reasons they are hooked on creating inferior wireless networks. This is considered to be the least desirable of the three options.

www.stopsmartmetersbc.com/wp-content/uploads/2019/06/Bringing-Fast-and-Healthy-Internet-to-Coastal-Communities-by-Oona-McQuat-The-Connected-Coast-Letter-to-Editor-Press-Release-2019.pdf

June 5, 2019: U.S. – The 5G war – technology versus humanity

The FCC admits that no 5G safety studies have been conducted or funded by the agency or telecom industry and that none are planned. The FCC has been captured by the telecom industry, which, in turn, has perfected the disinformation strategies employed by the tobacco industry before it.

<https://articles.mercola.com/sites/articles/archive/2019/06/05/technology-versus-humanity.aspx>

June 5, 2019: Canada – Doctors call for delaying deployment of 5G due to health risks

Chaired by Frank Clegg, Head of C4ST and former CEO of Microsoft Canada, Dr. Riina Bray, MD, Dr. Magda Havas, PhD and Dr. Anthony Miller, PhD

www.youtube.com/watch?v=-T2R2htAaqg

June 6, 2019: U.S. – The State of New Hampshire is concerned about 5G

House Bill 522 establishes a commission to study the environmental and health effects of evolving 5G technology, which includes earlier generation technologies. The study is particularly concerned about the effects of 5G on children, fetuses, the elderly and those with existing health compromises.

<https://trackbill.com/bill/new-hampshire-house-bill-522-establishing-a-commission-to-study-the-environmental-and-health-effects-of-evolving-5g-technology/1630657/>

June 7, 2019: U.S. – Louisiana is first state to call for study on health impacts of 5G

study on health impacts of 5G

The Louisiana House voted 103 to 0 to have the Louisiana Department of Environmental Quality and the Department of Health study the effects of 5G technology on the environment and public health and to report back to the Louisiana House Committee on Natural Resources and Environment as well as the House Committee on Health and Welfare no later than sixty days prior to the start of the 2020 regular session of the Louisiana Legislature.

www.wakingtimes.com/2019/06/07/louisiana-becomes-first-state-to-call-for-study-on-health-impacts-of-5g/

June 7, 2019: Global – International appeal: Stop 5G on Earth and in Space

To date, 100,091 people and organizations from at least 187 countries (including 31 organizations in Canada) have signed this appeal.

June 9, 2019: Japan – Abandons 5G because of concern for citizens' health

Japan will not develop and invest in the creation of fifth generation mobile networks. This is stated on the official website of the country's Ministry of High Technologies. Officials expressed the opinion that the creation of a faster internet is dangerous for the population and may adversely affect people's health and labour productivity.

<https://web.archive.org/web/20190620143250/https://topnewsrussia.ru/09/06/2019/japan-abandoned-the-development-of-5g-networks-for-the-health-of-citizens.html>

June 10, 2019: Global – Scientists and medical doctors say 5G threatens all life

5G, a new millimetre band frequency range, being introduced by the telecommunications industry worldwide, has been identified by over 2,000 scientists and 1,400 medical doctors from all over the world as presenting a direct threat to human health, as well as to animal, insect and plant life.

www.activistpost.com/2019/06/prime-minister-of-poland-signs-global-appeal-to-stop-5g.html

June 20, 2019: Global – Stop 5G

5G is a massive and dangerous experiment on public and environmental health.

- FACT #1 – 5G combines microwave and millimeter wave wireless radiation. There is no scientific evidence to support any claim of 5G safety.
- FACT #2 – 5G requires significantly more cell towers which will increase involuntary exposure to wireless radiation in our communities.
- FACT #3 – Hundreds of scientists and public health experts from around the world are demanding a moratorium on the deployment of 5G.
- FACT #4 – The \$30 million, ten-year U.S. National Toxicology Program study found clear evidence of cancer from exposure to wireless radiation.
- FACT #5 – Thousands of independent studies show adverse health impacts from wireless radiation. Children are more vulnerable, and they depend on us to protect them. Studies also show wireless radiation harms birds, bees, trees and nature.
- FACT #6 – People are already getting injured by cell towers, Smart phones, Wi-Fi, Smart meters and other wireless devices.
- FACT #7 – The government’s human exposure guidelines haven’t been updated in more than twenty years—and are only concerned with thermal exposures.
- FACT #8 – 5G signals don’t travel far, so unless people oppose 5G, antennas will be installed every couple hundred feet apart— next to homes, apartments, parks, and schools.
- FACT #9 – Telecom companies like AT&T, Sprint, T-Mobile and Verizon are rushing to install 4G LTE “small cell” antennas —the foundation for 5G— as quickly as possible.
- FACT #10 – When people oppose small cell 4G and 5G, antennas may be denied, and leaders may create ordinances to better protect the public and the environment.

www.emfsafetynetwork.org

June 29, 2019: Europe – Inauguration of European Stop 5G Alliance

Its purpose is:

1. To coordinate common political action addressed to the European Parliament, the Council of Europe, the European Councils and other European bodies.
2. To coordinate communications and information-sharing to shape national public opinion and create critical mass

public opinion and create critical mass.

The alliance already has representatives from 12 countries: Belgium, Finland, France, Germany, Greece, Italy, Netherlands, Poland, San Marino, Switzerland, Ukraine and the United Kingdom.

www.helbredssikker-telekommunikation.dk/sites/default/files/EuropeanStop5GAlliance.pdf

July 4, 2019: Canada – Experts show Safety Code 6 to be useless

Presentations in British Columbia by Drs. Pall and Schoechleder showed Health Canada's safety standards to be virtually useless. They have not taken into consideration any biological effects, i.e. DNA damage, reproductive, neural (brain) effects that have been proven by so many non-industry funded studies.

July 11, 2019: U.S. – Senators submit bill to restore local control and abolish FCC

Senators Feinstein, Schumer, Harris and Blumenthal submitted Bill – S. 20 to restore local control over the deployment of 5G and abolish FCC regulations. The bill is supported by the U.S. Conference of Mayors, National Association of Telecommunications Officers and Advisors, American Public Power Association, Communications Workers of America, National Association of Counties, League of California Cities and American Public Works Association.

<https://wearthevidence.org/5g-leading-senators-feinstein-schumer-harris-blumenthal-submitted-bill-restoring-local-control-abolishing-fcc-regulations/>

July 15, 2019: Hawaii – “Football-field-wide” drone delivers 5G

“The drone, based in Lanai, is electric- and solar-powered, and it is expected to launch end-September, 2019. Flying at 65,000 to 85,000 feet for as long as one year, the football-field-wide drone is to develop and test a high altitude platform drone while providing advanced 5G wireless connections deep in valleys, in remote areas and over the ocean.”

www.mauinews.com/news/local-news/2019/07/next-generation-network-may-be-taking-off-on-lanai/

July 18, 2019: U.S. – Washington State sues the U.S. Navy

Attorney General Bob Ferguson, supported by Governor Jay Inslee, sues U.S. Navy to stop their U.S. Crowder FW operations on/near Whidbey Island alleging

navy to stop their U.S. Growler EW operations on/ near Windukey Island alleging they are in violation of the National Environmental Policy Act. Moreover, Ferguson also intends to launch another suit alleging that the U.S. Navy's activities violate the Endangered Species Act.

<https://files.constantcontact.com/f1c93a4d401/fe8e29c8-92d2-4150-b13e-7d41d3e38fee.pdf>

July 22, 2019: Global – ICNIRP's, FCC's, EU's and other safety guidelines are fraudulent

They do not predict the biological effect and therefore do not predict safety. The physics behind the safety guidelines is shown to be deeply flawed in three ways.... It can be concluded therefore that all assurances of safety based on these "safety guidelines" are fraudulent. Furthermore, the ICNIRP 2018 Draft Safety guideline document and appendices are, collectively, one of the most biologically deeply flawed documents I have ever seen.

www.ahava528.com/wp-content/uploads/2019/05/SafetyGuidelineFraud2.pdf

July 22, 2019: Global – U.N. Environment Programme (UNEP) is again urged to protect nature and humankind from EMFs

The Advisors to the [International EMF Scientist Appeal](#), representing 248 scientists from 42 nations, have resubmitted the Appeal to the UNEP Executive Director, Inger Andersen, requesting the UNEP reassess the potential biological impacts of next generation 4G and 5G telecommunication technologies to plants, animals and humans.

www.businesswire.com/news/home/20190722005154/en/4603603/U.N.-Environment-Programme-Urged-Protect-Nature-Humankind

July 27, 2019: U.S. – Another "5G Crisis" national protest

"5G Crisis" is a project of Americans for Responsible Technology, an association of local community organizations and individuals who are committed to promoting new technologies that advance our common interest while protecting the health, safety, security, privacy and property values of all Americans.

AUTHOR'S COMMENT: You can help by joining a rally in your area, or organizing your own event. See all the groups that are fighting back in the

website below, under the “groups” tab.

www.5gcrisis.com/july-day-of-action

August 9, 2019: Austrian Parliament commissions study on 5G health effects

The Austrian parliament has commissioned a study into the health effects of 5G networks due to concerns among the public that the new generation of mobile services could pose risks from increased radiation exposure.

<https://zero5g.com/2019/austrian-parliament-commissions-study-on-5g-health-effects/>

August 9, 2019: U.S. – Federal court overturns FCC order bypassing environmental review for 5G and small cell wireless 4G densification

The U.S. Court of Appeals for the District of Columbia Circuit issued a decision substantially setting back the efforts of the FCC to expedite the deployment of 5G technology. In particular, the Court observed that the FCC had failed to address the cumulative harms that may result from “densification,” i.e. crowding of multiple cell towers in a limited area; the potential harms from co-location of multiple cell facilities on a single pole; and the concern that the FCC was speeding deployment of cell towers when it had not completed its ongoing investigation into the potential health effects of low-intensity radiofrequency radiation. The Court found that the FCC’s action was arbitrary and capricious and, therefore, unlawful.

<https://ehtrust.org/federal-court-overturns-fcc-order-which-bypassed-environmental-review-for-5g-small-cell-wireless/>

Aug 20, 2019: Belgium - Brussels halts 5G rollout over severe human health risks

Brussels halts 5G deployment indefinitely – 5G project not compatible with radiation safety standards, say authorities.

www.naturalnews.com/2019-08-20-brussels-halts-5g-deployment-indefinitely-radiation-safety-standards.html

August 2019: Community-owned fibre optics

Say good-bye to local telecom companies being able to force their dangerous wireless products on your community. Although the initial capital costs for

community fibre optic cable are relatively high, the payback is short, then the ongoing operating costs are very attractive.

<https://youtu.be/r50XNuC1MdE>

Visit the Institute for Local Self-Reliance for a list of other communities that have elected to install their own fibre optic cable instead of being at the mercy of telecom companies.

<https://ilsr.org/>

Sept 6-8, 2019: U.S. – Doctors’ first-ever convention on EMFs

Scotts Valley, CA. is hosting the first-ever conference for doctors and medical students interested in learning how to diagnose and treat the effects of EMF exposure.

www.brasscheck.com/video/finally-a-us-medical-conference-on-emf-exposure/

2019: U.S. – Alzheimer’s disease, men and women

- Increase in deaths from Alzheimer’s was 145% between 2000 and 2017.
- Although currently ranked as the sixth leading cause of death in the U.S., recent estimates indicate that the disorder may rank third, just behind heart disease and cancer, as a cause of death for older people.
- Cost to the nation < \$234 billion
- In 2018, estimated cost of care per person: \$350,184

www.alz.org/alzheimers-dementia/facts-figures

<https://order.nia.nih.gov/sites/default/files/2018-09/alzheimers-disease-fact-sheet.pdf>

Sept 9, 2019: Forbes Media LLC calls EMFs a health crisis

www.forbes.com/sites/cognitiveworld/2019/09/09/an-electromagnetic-health-crisis/

EMR is genocide

This industry and those parts of governments which are encouraging them will be responsible for killing more people than all those killed in the entire second World War. This will be the worst genocide this planet has ever known – not just people, but plants and animals. The U.K, U.S., Canadian and Australian governments are lying to the public to protect themselves against lawsuits and to make money for industry

make money for industry.

www.veteranstoday.com/2013/10/24/microwaves-smart-meters-and-the-use-of-electronics-for-mind-control/

September 16, 2019: ISED Canada admits SAR limit in Safety Code 6 is based on thermal effects

In his letter of this date to Sharon Noble of Citizens For Safer Tech, Martin Proulx, Director General, Engineering, Planning and Standards Branch, Spectrum and Telecommunications Sector of Innovation, Science and Economic Development Canada, stated that: “However, as a precautionary measure, the peak SAR limit in Safety Code 6 was set to more than 50 times below the level at which excessive tissue heating could occur in the most sensitive tissue (the eye).”

Sharon Noble of citizensforsafertech@shaw.ca

September 17, 2019: Former Microsoft Canada’s president warns about 5G

Frank Clegg warns us that 5G technology is completely untested, and yet plans are full steam ahead to deploy it everywhere, and to override any local attempts to keep it out.

www.opednews.com/articles/Microsoft-s-Frank-Clegg-Wa-by-Josh-Mitteldorf-5g-Communications-190917-407.html

September 20, 2019: Global – International Appeal to Stop 5G on Earth and in Space

Total to date is 143,661 signatures from 207 nations and territories!

- 3,874 scientists.
- 2,373 medical doctors.
- 6,668 engineers.
- 7,933 psychologists, psychotherapists and social workers.
- 3,552 nurses.
- 2,267 doctors of naturopathy, homeopathy, Ayurveda, and medical qigong.
- 610 doctors of oriental medicine.
- 346 chiropractors.
- 382 dentists.

- 481 pharmacists.
- 2,605 architects and builders.
- 235 building biologists.
- 269 veterinarians.
- 337 beekeepers.
- 39,835 other professions.
- 70,598 other individuals.
- 1,296 organizations.

www.5gSpaceAppeal.org

Canada's irresponsible U.S. MIC supporters

The following agencies within the current and previous governments are responsible for putting Canada's entire population (including themselves) at risk, especially all future generations.

- Canada's Prime Minister's Office
- Canada's Ministers of Health
- Canada's Ministers of Innovation, Science and Economic Development (formerly Industry Canada)
- Health Canada's Radiation Protection Bureau
- R. Samuel McLaughlin Research Centre (University of Ottawa)
- Canada's Ministers of Public Safety
- Canada's Ministers of National Defense
- Canada's Chief Scientist
- Canada's various medical authorities, including the Centre for Disease Control
- The Royal Society of Canada
- Provincial, regional and municipal governments
- Provincial Health Officers
- Provincial Centres for Disease Controls
- Canadian Wireless Telecom Association (CWTA)
- Wireless and Telecom Industries
- Electric Power Utilities
- Provincial Public Utility Commissions

AUTHOR'S COMMENT: *In fairness to the above, the problem may be technologically-ignorant and/or incompetent people charged with vetting or screening emails and correspondence intended for the decision-makers in the above.*

October 1, 2019: U.S. – Autism insurance coverage now required in all 50 states

After officials in the last holdout state enacted a new rule, all 50 states and Washington, D.C. have mandates that require some level of insurance coverage for the treatment of autism.

www.disabilitycoop.com/autism/

September 21, 2019: Switzerland – See the impact of 5G already

Take a look at what is happening in Switzerland today, where 90% of the population is now exposed to the new 5G networks. People are getting sick, and they are marching in the streets to show their opposition to the new networks.

<https://healthimpactnews.com/2019/swiss-citizens-take-to-the-streets-to-protest-5g-implementation-as-new-illnesses-start-at-same-time/>

September 26, 2019: Dr. Dietrich Klinghardt on the importance of the pineal gland

YouTube video made at the Sophia Health Institute where Dr. Klinghardt speaks of the pineal gland's four enemies: aluminum, glyphosates, fluoride and Wi-Fi, and of man's poor choices of frequencies, especially those that industry plans to use in 5G technology.

www.youtube.com/watch?v=4ml2S1mimPM

October 4, 2019: Scientists for wired technology

This group of scientists lobby local, state and federal governments to support measures that will protect all from the hazards of exposures to pulsed, data-modulated radiofrequency microwave radiation.

<https://scientists4wiredtech.com/>

October 7, 2019: U.S. – Class action lawsuit launched against 5G and wireless radiation

Thanks to activist Liz Barris with The People's Initiative Foundation for encouraging Ms. Brockovich's law firm to join them in fighting against 5G and wireless radiation.

www.activistpost.com/2019/10/erin-brockovich-law-firm-joins-citizens-lawsuit-against-5g-and-wireless-radiation.html

October 24, 2019: U.S. – “We have no reason to believe 5G is safe”

So said Scientific American (SciAm), the oldest continuously published monthly magazine in the U.S. (since 1921), in issuing a stern warning about the known dangers of 5G technology.

<https://blogs.scientificamerican.com/observations/we-have-no-reason-to-believe-5g-is-safe/>

Chapter 11: Cell phones

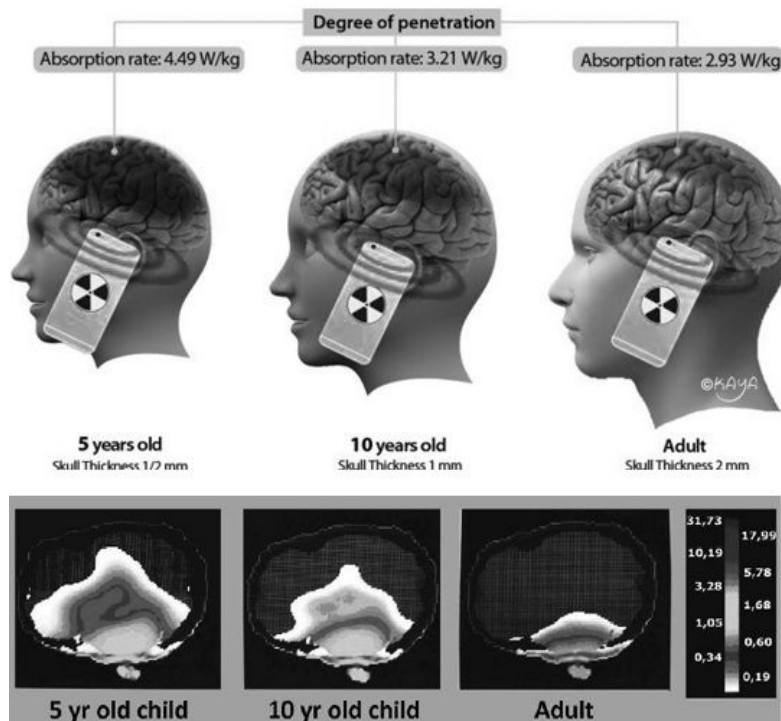


The evolution of cell phones

- 1G being voice (1982) - *G stands for generation of mobile phone technology*
- 2G being voice and text (1992)
- 3G being voice, text, internet (2001)
- 4G being voice, text, internet and video (2012)
- 5G promises much faster speeds of down loading information from the internet. These faster speeds allow for autonomous cars and a whole host of new devices that rely on real-time computing.

(Dr. Magda Havas 5G: Affidavit to CRTC May 15, 2019)

How cell phone radiation penetrates the human brain



Institute of Electronic Engineers`journal on Microwave Theory and Techniques.

Some Facts

- Today, in 2019, it is said that there are more than seven billion cell phones in the world.
- It is conservatively estimated that there are at least hundreds of millions of cordless phones in the world, and, depending on the strength of the phone, the base can emit RF EMFs between $\frac{1}{4}$ and $\frac{1}{2}$ a mile, meaning that a neighbour's phone can impact you.

www.arizonaadvancedmedicine.com/articles/2013/june/electrosmog/

- Scientists have now studied EMR for 40 years.
- Latency period for cancers and other major illnesses range from ten to 30 years or longer.
- Brain cancers increased 50% in ten year period (1999-2009).
- Don't use cell phone inside vehicles – more radiation.
- A child's head absorbs 5X more radiation than an adult's.

- A cell phone's radiation is determined by its power density, which is expressed in thousandths of a Watt/meter squared or milliWatts/meter squared or mW/m². Existing RF Public Exposure guidelines (U.S. – 1997; Canada – 2009) are: 6,000 mW/m² and 10,000 mW/m², respectively. (Compare this to what independent scientists say, below.)
- The BioInitiative 2012 Report (29 authors, including 21 PhDs and ten medical specialists from ten countries) concluded that current RF exposure guidelines need to be lowered some three to six million times.

Cell phones, fine print warnings

- Apple – cautions users to keep phone 5/8” from the body.
- Blackberry cautioned users to keep phone 0.98” from the body and 7.8” from pacemakers.
- Motorola cautions users to keep phone 1” from the body.
- Customers can't take part in class action lawsuits.

www.c4st.org/MDSymposium

- Even the corrupt FCC said, in 2005, that 20 cm is the minimum safe distance mobile phones should be kept from the body.

http://transition.fcc.gov/oet/ea/presentations/files/feb05/Tech_Filing_Problems.pdf (Pg-8)

1980s: Western Countries – Cell phones have never had to be tested for safety to humans

In the early 1980s cell phones were exempt from having to be independently tested for safety to humans before being sold to the public. Why? “Because they emitted such low power.”

www.lifeextension.com/Magazine/2007/8/report_cellphone_radiation/ (Pg-01)

1984: FCC and telecom industry greed put your lives at risk

The telecom industry was granted blanket exemption from “pre-market testing” of their products, as long as they met “certain guidelines.”

AUTHOR'S COMMENT: *In other words, as long as telecom companies complied with FCC “safe” exposure limit guidelines for RF EMR. But readers will recall that both the FCC and the telecom industry were then – and still are – part of the U.S. MIC, all members of which strictly adhere to the U.S. Military’s thermal effects ONLY mantra.*

www.vws.org/documents/Cell-Project-Documents/Westviewarticle.pdf

1990s: U.S. MIC lobbying halted EPA’s research into cell phone radiation

The U.S. Congress stopped EPA’s research into the effects of cell phone radiation. Since then, with no government support for research, federal health agencies and other health organizations keep stating we need more research prior to taking precautionary action.

www.saferemr.com/2015_12_01_archive.html

1995: Motorola attempts to cloud the science

Motorola’s Director of Electro-magnetic Research, Mays Swicord (who previously had spent 26 years with the U.S. Food and Drug Administration) attempted to have scientist Dr. Jerry Phillip alter his study that showed cell phones cause DNA damage. Dr. Phillip refused but his report, somehow, was changed and the version released was as Motorola had wanted.

“Overpowered” pp117 by Martin Blank, PhD

1995: Cell phones and cardiac pacemakers

Separate studies at Mt. Sinai Medical Center in Miami Beach, FL, and the Mayo Clinic in Rochester, MN, conclude that cellular phones can interfere with cardiac pacemakers.

Microwave News May/June 2000

1996: U.S. – Telecommunications Act of 1996

- Lobbyists for the telecom industry actually wrote Section 704 preventing municipalities from interfering with placement of towers based on environmental/health effects of RF.
- FCC’s monitoring program (its budget) was slashed, (meaning that radio towers/masts could no longer be regularly monitored to ensure that the

radiation each tower emitted complied with current legislation and that people were supposedly safe).

- EPA's bioelectromagnetics research lab budget was also defunded.

www.vws.org/documents/Cell-Project-Documents/Westviewarticle.pdf

1997: Cell phone warning

This is the first generation ever, in the entire history of humankind, which holds a powerful microwave transmitter up to its head, on a regular basis, hour after hour, day after day. Excessive telephoning on mobiles is going to have serious consequences. In the course of the next few years, health problems could arise, especially leukemia and brain tumors.

Prof. Dr. W.Ross Adey, Scientist with Loma Linda University

Cell phones and brain tumors

After just ten years of talking on a cell phone for 30 minutes a day increases your chances of getting a brain tumor by 40%.

www.cancertutor.com/emf/

1998: Cell phone companies knew

Cellular phone manufacturers applied for patents to reduce the level of microwave emissions and develop new equipment designed to minimize the health risks associated with using the cell phone.

<http://brain101.info/EMF.php>

1999: U.S. telecom industry's own studies prove cell phones are dangerous

Dr. George Carlo led the industry's six-year ('93-'99) \$28 million study to prove cell phones are safe but proved just the opposite:

- U.S. microwave exposure limits are dangerously high.
- Cell damage and tumors can easily be induced in the lab at about 1/3 of the U.S.' exposure guidelines.

www.leaf lady.org/ElectroSmog.htm

www.dirtyelectricity.ca/autism_and_emf.htm

1999: Lloyd's of London understands the dangers of

Wi-Fi radiation

Refuses to insure mobile manufacturers against risks to user's health.

NaturalHealth365 Scientific Solutions

2000: “I would not allow my grandchildren to use mobile phones.”

So said Sir William Stewart, the famous British biochemist and President of the British Association for the Advancement of Science Biomedical Specialists. The Stewart Inquiry report on “Mobile Phones and Health” was released in April 2000.

[Journal of the Australasian College of Nutritional and Environmental Medicine Sept /01]

2000: Australia – Evidence of health effects caused by non-thermal EMR

In his presentation at the Australian Senate's enquiry into EMR, Dr. Neil Cherry, PhD, ONZM said, “There is extremely strong evidence to conclude that cell phones are a risk factor for breast, liver, testicular and brain cancer. It is also probable that we will observe a very wide range of other effects including cardiac, neurological and reproductive illness and death.”

<https://educate-yourself.org/cn/neilcherrycellphonerisks07may01.shtml>

May 2000: Conflict of interest in the U.K. – ignored by the press

Twelve years before the WHO classified EMR a “possible carcinogen,” the U.K. government was urged to implement the precautionary principle – but was ignored. See the Sir William Stewart Report (year 2005, below); he was Head of the Advisory Group to the U.K. Government. Subsequent Head of the Advisory Group was the seriously conflicted Professor Anthony Swerdlow, who was assisted by Maria Feychting and Zenon Sienkiewicz, all three of whom were/are members of ICNIRP. Currently (2019) Feychting is Vice Chair of ICNIRP.

www.radiation dangers.com/cell-phones-and-tablets/mobile-phone-cover-up-govt-advisory-body-disbanded-inaccurate-and-misleading-conclusions-remain/

www.pongcase.com/blog/application-precautionary-principle-cell-phone-radiation#sthash.qKGuw8xu.dpuf

<https://betweenrockandhardplace.wordpress.com/tag/maria-feychting/>

2000: The ECOLOG study for T-Mobile found that

non-thermal EMFs can cause cancer

Germany's mobile phone company, T-Mobile, commissioned a highly-rated independent research institute, the ECOLOG Institute in Hanover, to review all relevant available research to date with regard to the health risks from mobile telecommunications. The 220 studies found that non-thermal EMFs can cause cancer and recommended that the power of cell phones be reduced by a factor of 1,000. But the report was "buried" by T-Mobile.

www.emfresearch.com/ecolog-study/

September 8, 2000: The major casualties are the truth and public health

"There is extremely strong evidence to conclude that cell phones are a risk factor for breast, liver, testicular and brain cancer."

www.stayonthetruth.com/resources/Neil_Cherry/90_m1_EMR_Australian_Senate_Evidence_8-9-2000.pdf
(p. 65)

Does the public know this?

Twenty-four hours on a cell phone = 1600 chest X-rays. So said studies completed by 12 groups of researchers from seven European countries who collaborated in the REFLEX Study to gauge the effects of wireless radiation on human health.

www.bibliotecapleyades.net/scalar_tech/esp_scalartech_cellphonesmicrowave09.htm

2000-2012: The seriously flawed "Interphone" Study

The WHO's own cancer research agency, IARC, coordinated this \$25 million study (in 2010 dollars) – of which industry paid nearly 50% – done in 13 countries to determine the link, if any, between cell phones and four specific types of cancer. The study had many design flaws: it didn't consider cordless phones; it didn't consider children and adults up to 30 and those 60 and older. IARC refuses to release study data. Yet it still reported a 40% increase of gliomas (brain tumors).

"Overpowered," pp. 141-147, by Martin Blank, PhD.

<https://magdahavas.com/lessons-from-the-interphone-study/>

2001: Cell phone companies knew; here's the evidence

Leading phone manufacturers, including Nokia, Ericsson and Motorola, publicly deny cell phone health hazards. But behind the scenes, these companies had filed patents (in 1999) for devices claimed to help shield phone users from antenna

patents (in 1996) for devices claimed to help shield phone users from antenna radiation.

www.bibliotecapleyades.net/scalar_tech/esp_scalartech_cellphonesmicrowave09.htm

“Cellphone Companies Patent Cancer Shields,” N. Fleming and I. Cobain, The Times, London, 06-11-2001

October, 2002: German doctors say cordless phones are dangerous

The “Freiberger Appeal” is a document signed by over 130 medical practitioners from the German environmental medicine medical organization called IGUMED. It called for a ban on DECT (cordless) phones in preschools, schools, hospitals, nursing homes, and public buildings.

www.bibliotecapleyades.net/scalar_tech/esp_scalartech_cellphonesmicrowave17.htm

www.powerwatch.org.uk/pdfs/20021019_english.pdf

2003: Industry should prove their technology is harmless

Prof. Dr. Karl-Heinz Muller, physicist at South-Westphalian Technical College in South Westphalian Technical College in Soest, and Head of the Institute of Science and Technology Transfer, says just one millionth of a watt (0.000001 W or 0.001mW or 1 uW) could already be sufficient to kill off one human brain cell.

www.electrosmognews.de/news/profmuller.htm

Cell phones – heart problems

“There is also a higher incidence of cardiac problems,” states Dr. Neil Cherry. “It has now been shown in many studies that mobile phone users get more heart attacks and more heart disease.”

www.thepowerhour.com/news/cellphone_health.htm

November, 2003: Britain and Wales ban cell phones in all schools

Government said: “Mobile phones should only be used by pupils under 16 in EMERGENCIES.”

The Sun, UK Press Sunday, November 16, 2003

2004: Bluetooth wireless headsets: dangerous

... even more than regular wireless headsets because the wire is replaced with a

transmitter and receiver operating on 900 MHz or 2.4 GHz. The power of wireless headsets rivals that of microwave ovens, which also operate on 2.4 GHz.

"Cellular Radiation: Is this our next Titanic?" by Dr. David R. James and Ora James Murphy (2004)

2004: European REFLEX Study (12 institutions, three million euros)

The four-year study found that:

- Both ELF magnetic fields and RF fields (non-pulsed and pulsed) caused DNA damage,
- The effect of EMR from cell phones is very similar to that of X-rays,
- The longer the exposure, the greater the damage.

www.jrseco.com/eu-reflex-study-shows-dna-damage-caused-by-radiation-from-wireless-devices-and-mobile-phones/

2005: U.K. government mobile phone study recommended adoption of precautionary approach

The Stewart Report, published in 2000 and updated in 2005, acknowledged that "the gaps in knowledge are sufficient to justify a precautionary approach.

www.pongcase.com/blog/application-precautionary-principle-cell-phone-radiation

2005: French scientists forbidden to speak about EMF

Richard Gautier, PhD, Roger Santini, PhD, Pierre Le Ruz, PhD, and Daniel Oberhausen, PhD are the best French independent experts on EMF and health. They published a "white book" last year on mobile phone health risks, which caused quite a stir.

www.iddd.de/umtsno/puzen2.htm

2005: Evidence of corruption in the WHO

On July 5, 2000, it was published that Dr. Michael Repacholi, Coordinator of the WHO's Radiation Environmental Health Unit, receives \$150,000 a year (via Royal Adelaide Hospital, S.A.) from the cellular phone industry with additional money for meetings and travels.

Microwavenews.com 5.7.05

2006: Corruption: money talks

2006: Corruption: money talks

A clear —and disconcerting— pattern emerges: 32 of the 35 studies that were paid for by the mobile phone industry and the U.S. Air Force show no effect. They make up more than 75% of all the negative studies. You don't need to be a statistician to infer that money, more often than not, secures the desired scientific result.

<http://microwavenews.com/RR.html>

2006: Cell phones affect sperm count

- An American study from the Reproductive Centre in Cleveland in 2006 shows that men who used a mobile phone had a 25% lower sperm count than men who never used a mobile. Sperm counts in the U.S. have plummeted 29%, attributed by the study's authors to mobile phone emissions.
- In the same reference is an article by an Australian cancer specialist from West Australia, Dr. John Holt, who said in a private correspondence in 1996, "Within 100 years all men and male animals will be sterile. I believe the current level of EMR is responsible (in part) for male infertility round the world, and this will solve the problem of human beings and their idiocy forever."

www.ecolibria.com.au/Resources/electromagnetic-radiation-emr-and-potential-adverse-health-affects

March 23, 2007: Ireland – Government report dismisses health concerns about EMFs and RF EMFs

A four-member panel, chaired by the infamous Mike Repacholi (the former head of the WHO EMF Project), concluded that RF from cell phones and cell phone towers, and EMFs from power lines are not harmful.

<https://microwavenews.com/news-center/irish-panel-mobile-phones-are-safe>

2007: Cordless (DECT) phones

Cordless phones never shut off, even when a person has finished a call and replaced the phone in its cradle. They emit their energy (radiate you and all those around you) on the microwave oven frequency of 2.4 GHz. Users experience a 470% increased risk of brain tumor (high grade malignant glioma) when they use the phone mostly on one side of head.

BioInitiative Working Group August 2007

2007: Germany – Issued a cell phone warning

Highly-respected Professor Adlkofer of the Verum Foundation, who computed that UMTS (3G) has a ten times greater risk of causing DNA breaks and cancer than GSM, called for an immediate change of policy, saying that mobile phone radiation was an “uncontrolled and unplanned field experiment” on humans.

www.next-up.org/pdf/PressReleaseConcernPrFranzAdelkoferVerumFoundation06102007.pdf

2007: Cell phones and children

“Electromagnetic fields and radiation is a matter of dose – and it accumulates over the years, as present studies show us. Therefore children should categorically not use mobile phones.”

THE AUSTRIAN MEDICAL ASSOCIATION

Today’s frequencies are dangerous to humans

“A worse frequency could not have been chosen for the human anatomy.”

Researcher Carolanne Patton has found that the brain reaches peak absorption in the UHF bands (300 MHz-3,000 MHz), right where mobile phones operate.

Blake Levitt states in her book: Electromagnetic Fields

2008: “Cell phones – Russian Roulette” by Robert C. Kane

Cell phones “expose users to levels of radiation that are much higher than the levels allowed for microwave ovens, and that radiation is focused directly into the brain of each and every user.”

www.amazon.com/Cellular-Telephone-Russian-Roulette-Robe

AUTHOR’S COMMENT: Robert Kane was one of Motorola’s most senior scientists and product development engineers. He developed a brain tumor from which he died (which he attributed to the cell phone antennas he had been working on) but not before he sued Motorola, albeit unsuccessfully.

Second-hand radiation

You can be driving in your car, eating in a restaurant, watching a game or attending a concert and you’ll be irradiated from someone else’s cell phone calls, whether you know it or not. There is no escape. It’s not just the caller’s brain

that gets irradiated, it's everyone around the caller, too.

www.bibliotecapleyades.net/scalar_tech/esp_scalartech_cellphonesmicrowave17.htm

April, 2008: Brain tumors

“There is VERY solid evidence that the number of brain tumors will increase to 500,000 per YEAR in 2010 -- and this will double to one million every year by 2015 if the causes are not addressed.”

<https://articles.mercola.com/sites/articles/archive/2008/04/17/are-cell-phones-more-dangerous-than-smoking.aspx>

2008: The European Parliament

The EU is the heart of democracy in the European Union, and represents more than 500 million people in 28 countries. It voted 522 to 16 to urge ministers to bring in stricter limits for exposure to radiation from cell phones, cordless phones, Wi-Fi and other devices. New study showed “people who started mobile phone use before the age of 20 had more than five-fold increase in glioma“.

www.psrast.org/mobileng/mobilstarteng.htm#chtum.

2008: The cell phone industry has no insurance

The insurance industry now excludes health-risk claims in the product liability coverage of cell phone industry products, forcing cell phone companies to self-insure. They have no insurance to cover losses incurred in any litigation processes.

www.bibliotecapleyades.net/scalar_tech/esp_scalartech_cellphonesmicrowave17.htm

2008: Two billion may suffer from cell phone cancer by 2020

Studies indicate that almost one-third of world's population (about two billion) will suffer from ear, eye and brain cancer, and other major body disorders like heart ailments, impotency, migraines and epilepsy.

http://emrstop.org/index.php?option=com_content&view=article&id=151:2-billion-may-suffer-from-cell-phone-cancer-by-2020&catid=6:emfemr-information&Itemid=36.

April 14, 2008: Russia – Children and mobile phones – urgent warning

Russia warns the world that the health of children of future generations is in danger. They fear brain tumors, Alzheimer's, memory and concentration

problems, and other diseases of the brain. Russia appeals to entire society to protect children.

www.who.int/peh-emf/project/mapnatreps/RUSSIA%20report%202008.pdf

February, 2009: Motorola sold its cell phone division to Google (who later sold it to Lenovo)

Motorola had led the world in RF radiation safety since 1963. In its prime, Motorola largely determined which studies were done, the duration of each, who would do them and where. It had very close ties to the U.S. military, and had run standards committees. It was such a powerhouse that it had about 12 Motorola staffers at BEMS (BioElectromagnetic Society). Its key people (C.K. Chou, Mark Douglas, Joe Elder, Joe Morrissey and others) joined the U.S. military-controlled ICES (an internal committee of IEEE for which Chou is Chairman of Technical Committee 95 (TC 95), which is charged with determining and setting “safe” RF exposure limits (thermal-effects ONLY) for electric and magnetic fields emitted by power line frequency and pulsed electromagnetic fields emitted on RF.

<http://microwavenews.com/news-center/motorola-leaves-building>

Motorola bought the results they wanted

They funded laboratories with many millions of dollars which produced study after study that said “honest” scientists, such as Lai and Singh ... and everybody except these people hired by Motorola, were wrong.

“Overpowered” p. 122, by Martin Blank, PhD.

2009: Cell phones and cancer risk – 15 reasons for concern

Five international organizations and 43 researchers from 14 countries signed the petition “Mobile Phones and Cancer Risk: 15 Reasons for Concern”. They accused the WHO of downplaying the risk of cancer and of protecting the mobile industry.

www.mast-victims.org/resources/docs/The-Laughing-stock-and-pursuit-of-Gro_Plot-issue7.pdf

September, 2009: India, Kamataka State – bans cell phones

In all schools and pre-university colleges.

www.hindu.com/2009/09/14/stories/2009091454460500.htm

January, 2010: U.S. Senate hearing confirms dangers of cell phones

There are well over 10,000 scientific reports from many countries around the world, many of them dating back to the 1950's, verifying that high frequency energy shoots straight into the brain, is absorbed by the brain cells, heats them up and damages the DNA.

www.mercola.com

U.S Senate Committee Confirms Dangers of Cellphones

2010: Teenagers and children should use a cell phone in emergencies only

Say health ministers and authorities in France, India, Israel, Russia and the U.K.

www.sccma-mcems.org/Portals/19/assets/docs/Why%20Fi.pdf

2010: Russian scientists concerned about young people and RF EMR

They have noted the following changes:

Groups aged 15-17 from 2000 to 2009:

- Central nervous system disorders – up 85%.
- Epilepsy or epileptic syndrome – up 36%.
- Mental retardation – up 11%.
- Blood or immune status disorders – up 82%.
- Number of patients seeking help for CNS – up 72%.

Groups under 14 years of age:

- Blood or immune status disorders – up 64%.
- Nervous disorders – up 58%.

www.magdahavas.com/international-experts-perspective-on-the-health-effects-of-electromagnetic-fields-emf-and-electromagnetic-radiation-emr/

April 28, 2010: British Columbia's "Clean Energy Act"

This Act has proven to be the harbinger of what is, in fact, the beginning of the “Death of Democracy” in British Columbia. For the first time in human history:

- Obligatory Smart meters were heralded on every home and occupied building province-wide.
- Electric power utilities are allowed to invade homes with impunity and surreptitiously gather intelligence about each home, its occupants and their habits.
- Home occupants have no choice but to endure hazardous pulsed non-thermal RF EMR emitted by a Smart meter’s two (not one) microwave radio transmitter/receiver radio circuits – radiation, one of which can irradiate up to 3 km distance.
- Home owners living in a “fixed-grid community,” which vary in size from 500 to 5,000 homes, have no choice but to endure the radiation emitted by each and every home’s Smart meter in that community.
- Each “fixed-grid-community” has at least one “collector” meter (i.e., a Smart meter that has three microwave radio circuits inside) attached to one or more of the homes. All occupants of a home that is unfortunate enough to have a collector meter attached are unknowingly exposed to substantially more radiation from the incessant activity collector meters are intended to perform (they relay all data, in both directions, to/from the utility and all homes in the entire community).
- Home occupants are denied the privacy, intimacy one expects in a home.
- Home occupants can now unknowingly have any of their electronics hacked and be literally spied upon (e.g., via Smart TVs) by others outside the home.
- Home occupants are now exposed to the frightening possibility that electrical appliances in their home might suddenly be damaged or the home itself might catch fire due to the incompatibility of Smart meters (which are digital) being attached to homes in which the wiring may well be several if not many generations old. All electric utilities adamantly refuse to acknowledge any financial responsibility for any damages incurred by appliances or a home itself.

AUTHOR’S COMMENT: Readers must recall that Health Canada, like all members of the corrupt U.S. MIC, observes the thermal effects *ONLY* mantra,

meaning that, in Health Canada's eyes, the pulsed non-thermal radiation emitted by smart meters is harmless if not non-existent.

June, 2010: BC Cancer Agency's credibility shaken

“Distinguished Scientist” Mary McBride, was found NOT to be a PhD, after years of allowing others to refer to her as “Dr.” Despite her ties to industry, Health Canada and the former Industry Canada both saw fit to select her to be an “expert” panel member:

- On the multinational Interphone Cell Phone Study (2010),
- On the panel assembled to determine Canada's cell tower siting policy, and,
- On power line EMFs.

Historically, she defends Smart meters and cell phones, and is known to have co-authored publications with heavily-conflicted scientists Anthony Swerdlow, Maria Feychting, Leeka Kheifets.

www.rrjournal.org/doi/abs/10.1667/RR3581.1

www.pubfacts.com/author/Anthony+J+Swerdlow

www.bccrc.ca/dept/cc/mary-l-mcbride

<http://bc.ctvnews.ca/cancer-agency-exaggerated-researcher-s-credentials-1.518539>

www.electrosensitivesociety.com/2010/06/05/who-can-you-trust-the-bc-cancer-agency-not/

June, 2010: The cell phone industry owns the WHO

“ ...there is no doubt: the Microwave Syndrome is not only the biggest experiment in the history of mankind, but also, it is one of the biggest epidemics recorded in medicine (after the Black Death, influenza, malaria, AIDS, etc.) ... As long as the cell phone industry owns the World Health Organization, the crime will proceed.”

Dr. Carlos Sosa, MD, Colombia, S. America

www.electrosensitivesociety.com/2010/06/01/the-dr-carlos-sosa-m-d-story/

July, 2010: Wireless industry sues City of San Francisco

The cell phone industry sued the City of San Francisco looking to block a recently approved ordinance that would raise consumer awareness about cell phone radiation levels. The industry also threatened to pull all future conventions from the city. San Francisco caved in and withdrew its ordinance.

www.washingtonpost.com/wp-dyn/content/article/2010/07/23/AR2010072305082.html

September, 2010: U.S. – “CTIA has never said cell phones are safe”

At the September 20th Burlingame, CA. hearing, CTIA’s VP of External and State Affairs, K. Dane Snowden, said, “I have not told you once, not once, that cell phones are safe. The FCC is telling you they are safe.”

<http://ehtrust.wordpress.com/2010/12/20/has-the-fox-been-caught-in-the-henhouse/>

September 2010: U.S. – Cell phones are dangerous

Written by Dr. Devra Davis, PhD, the book, “Disconnect” covers the truth about cell phone radiation, what the Industry has done to hide it, and how to protect your family.

https://youtu.be/wJd_4dJty_A

February 23, 2011: First study to show danger from non-thermal effects of cell phone radiation

The first-ever study to show that cell phone radiation causes biological effects in the human brain, other than heating (thermal effects), was published in the Journal of the American Medical Association. The study found increased glucose metabolism in the areas of the brain closest to the cell phone antenna.

<https://cellphones.procon.org/view.resource.php?resourceID=006543>

May, 2011: Telephone landlines to be eliminated

FCC proposes to eliminate them, replacing them with broadband and the internet.

www.fcc.gov/Daily_Releases/Daily_Business/2011/db0209/FCC-11-13A1.pdf

May 13, 2011: European leaders recommend banning cell phones and Wi-Fi in schools

The Council of Europe, representing 47 countries and over 800 million people, found that only 33% of studies funded by industry find cell phones harmful to humans; whereas over 80% of studies NOT funded by industry find cell phones harmful to humans. This is a “manifestly unacceptable situation pointing to conflicts of interest which undermine the integrity, the genuine independence and the objectivity of scientific research.”

www.cellphonetaskforce.org/european-leaders-recommend-banning-cell-phones-and-wifi-in-schools/

May 23, 2011: Corruption at the highest level in the WHO/IARC

Press release: “Prof. Anders Ahlbom, chairman of the most influential and authoritative expert group in the world is found to be the founder and co-owner of a lobby firm supporting mobile phone industry interests.”

www.monanilsson.se/document/AhlbomConflictsIARCMay23.pdf

May 31, 2011: The WHO/IARC classified RF from cell phones a class 2B “possible” carcinogen to humans

www.iarc.fr/wp-content/uploads/2018/07/pr208_E.pdf

June 2, 2011: Council of Europe calls for ban of cell phones and Wi-Fi in schools

Representing 47 countries and more than 800 million people, the Council of Europe called for a ban of cell phones and Wi-Fi in schools and highlighted the potential health risks of cordless telephones and baby monitors, which use similar technology. (Yet Canada refuses to heed these 47 countries.)

<http://articles.mercola.com/sites/articles/archive/2011/06/02/european-leaders-call-for-ban-of-cell-phones-and-wifi-in-schools.aspx>

June 30, 2011: Evidence of corrupt U.S. MIC appears in British Columbia – public will suffer

The BC government signed a 10-year, \$100 million/year contract with Telus Corp. to update telecom facilities throughout the province, including in all six regional Health Authorities. Now BC boasts Wi-Fi, Bluetooth devices, cell phones, cordless phones and other wireless technologies in cancer clinics, hospitals, nursing homes, schools, etc.

www.thetelecomblog.com/2011/06C/30/telus-enters-10-year-contract-with-british-columbia-government/

2011: Cell phones and infertility

Data shows that sperm counts have dropped by half in last 50 years and continue to drop. Men who used cell phone for >4 hours day had 40% lower sperm count.

“Overpowered” p. 84 by Martin Blank, PhD.

Cell phones are dangerous

Men who carry cell phones in their front pockets run the risk of sterility, impotence, and even testicular cancer, and women who keep mobile phones in their pockets risk the same problems with their ovaries.

www.newdawnmagazine.com/articles/electro-magnetic-energy-pollution

2012: Dr. Michael Repacholi – a man with no conscience

Rapacholi said, "...certainly, from the health viewpoint there is no concern that we've seen thus far that parents need to be worried about children's use of mobile phones."

www.gsma.com/publicpolicy/repacholi-interviews-03

2012: Russia warns pregnant women: never use mobile phones

Also children under 18. Austria, China, Germany, India, U.K., Israel, Finland, Belgium, Ireland, Spain, Sweden and Canada (Toronto) have issued health warnings for children: "use cell phones in emergencies only – but only on speaker phone."

Prof. Yury Grigoriev, Chairman of Russian National Committee on Non-ionizing Radiation Protection (NIRP)

2012: Global – The blood-brain barrier is at risk

"The levels of RFR needed to affect the BBB have been shown to be as low as 0.001 W/kg, or less than holding a mobile phone at arm's length. The FCC standard is 1.6 W/kg; the ICNIRP standard is 2 W/kg of energy (SAR) into brain tissue from cell/cordless phone use. Thus, BBB effects occur at about 1000 times lower RFR exposure levels than the U.S. and ICNIRP limits allow. (Salford, 2012 – Section 10)".

<https://bioinitiative.org/conclusions/>

2012: Cell phones and pregnant moms

Children whose mothers used cell phones during pregnancy had:

- 25% more emotional problems,
- 35% more hyperactivity,

- 49% more conduct problems, and
- 34% more peer problems.

www.bioinitiativereport.org

2012: Alzheimer's, Multiple Sclerosis, Parkinson's

Using a Smart phone for as little as two minutes a day could put you at risk of developing disorders such as these and other neurological disorders.

www.rfsafe.com/former-nokia-boss-crippled-cell-phone-radiation-warns-public-danger

2012: India takes action to protect its citizens

The Ministry of Communications and Information Technology issued new EMF guidelines with new exposure limits lowered to 1/10 of the ICNIRP level, SAR labeling on phones made available to consumers at point of sale and a new SAR limit of 1.6 W/kg over 1 gram. Mobile hand sets manufactured and sold in India or imported from other countries shall be checked on random basis for compliance of SAR limit by a TEC SAR laboratory.

<https://ehtrust.org/india-policy-recommendations-cell-phones-wireless-radiation-health/>

October 18, 2012: Italy – Man's brain tumor caused by cell phone use

The Italian Supreme Court ruled that a causal link between cell phone use and tumor formation exists. The appellant, Innocenzo Marcolini, argued that his benign neuroma tumor was caused by the five to six hours a day he spent talking on his cell phone for work over a 12 year period. Based on the court opinion “that scientific evidence advanced in support of the claim was reliable,” the Italian Supreme Court ruled that Marcolini was entitled to an 80% disability pension from the Italian Workers' Compensation Authority.

<https://cellphones.procon.org/view.resource.php?resourceID=006543>

www.theatlantic.com/health/archive/2012/10/italian-supr.

December, 2012: Brain cancers and other central nervous system disorders

Brain tumors increased 50% in the U.K. between 1999 and 2009; brain cancers in children have increased 1-2% annually. Also, in 2012, the Danish Cancer Society reported a doubling in aggressive brain cancer in men over the last ten years. That is in addition to an epidemic of autism, ADHD and Alzheimer's.

<http://smartmeterharm.files.wordpress.com/2012/12/1-smart-meter-problems-dec-2012-final.pdf>

December, 2012: Conflict of interest?

Dr. Henry Lai, a University of Washington scientist in cellular and molecular engineering, who reviewed 85 papers on the DNA-damaging effects of the type of EMR from cell phones found: 75% of studies funded by the wireless industry or the military showed no genotoxic effects, 80% of studies done by independent scientists showed harmful effects.

<http://articles.mercola.com/sites/articles/archive/2012/12/20/cell-phone-research-deception.aspx>

December 12, 2012: Children are at risk

The American Academy of Pediatrics sent a letter to the FCC warning of dangers to children because of current radiation exposure limits. New standards are needed.

www.saferemr.com/2013/09/cellphones-and-health_9.html

2013: Autism and cell phones

In the 1970's, before widespread use of cell phones, autism was a comparatively rare health issue. Today, it is so prevalent that the Centers' for Disease Control call it a "national health crisis."

<http://emfsafetynetwork.org/>

2013: Nine types of cancers linked to cell phone use:

- Gliomas (brain cancer)
- Acoustic neuroma (tumor on the acoustic nerve)
- Meningioma (tumor of the meninges)
- Salivary gland cancer (parotid gland in cheek)
- Eye cancer
- Testicular cancer
- Leukemia
- Thyroid cancer
- Breast cancer

<http://lists.sonic.net/mailman/listinfo/ca-emf-safety-coalition>

May, 2013: Cell and cordless phones "probably" cause cancer

CAUSE CANCER

Swedish review strengthens grounds for concluding that radiation from cellular and cordless phones is a “probable” human carcinogen.

www.ncbi.nlm.nih.gov/pubmed/23664410

May 30, 2013: Council of Europe speaks out – once again

On behalf of its 47-member countries, representing some 800 million people, it again recommended banning Wi-Fi and mobile phones in schools.

<http://c4st.org/switzerland-teachers-vote-to-keep-wi-fi-out-of-school/>

2013: Canada – Canadian cell phones are far more dangerous than U.S. phones

One study shows that GSM phones can emit 28 times more radiation on average than CDMA phones. In the U.S., people can choose to use a CDMA phone, but in Canada all carriers use GSM phones. Soon voice calls will use 4G (LTE) technology instead of GSM or CDMA.

www.saferemr.com/2013/09/cellphones-and-health_9.html

2013: Teachers take action to protect students and themselves against radiation

The Elementary Teachers Federation of Ontario (ETFO) which has 76,000 teachers, passed two motions: 1) turn off cell phones in classrooms, and 2) all Wi-Fi transmitters must be labeled as part of a hazard control program.

<http://annualmeeting.ca/wp-content/uploads/2013/07/Session-71.pdf>

October, 2013: Studies prove cell phones cause cancer

Two important new studies by Dr. Lennart Hardell, MD, PhD and Professor in oncology and cancer epidemiology at University Hospital, Orebro, Sweden found that RF-EMF emissions from wireless phones are Class 1 human carcinogens.

<http://electromagnetichealth.org/electromagnetic-health-blog/hardell-class/>

Beware of 4G/LTE phones

LTE or 4th generation phones, being much faster, require much wider bandwidth and are fitted with “smart antennas” – a series of four antennas in a single phone handset. This is like the equivalent of having four cell phones in one device.

handset. This is like the equivalent of having four cell phones in one device rather than one. For 4G to work efficiently, more high-power towers have to be erected and networked with each other.

www.naturalnews.com/041561_mobile_network_health_risks_cell_phones.html#

<http://mobiledevices.about.com/od/carrierfaq/a/3g-Vs-4g-Mobile-Networks-The-Health-Factor.htm>

The evidence is unequivocal: cell phones cause cancer

- Human DNA altered,
- Three times lower sperm count,
- 290% more brain tumors,
- Autism,
- Birth defects,
- 61% of medical journals surveyed publish fake studies for money – NPR.

<http://rt.com/shows/the-truthseeker/cell-phone-brain-tumors-471/>

<http://qz.com/166728/a-shocking-number-of-academic-journals-have-accepted-studies-that-are-totally-fake>

2014: Once again – cell phone radiation causes cancer

EMF from mobile phones may now be classified as a human cancer causing agent, Group 1, according to the definitions used by IARC. So says Prof. Leonard Hardell, arguably the world's foremost scientist in this field.

[www.mast-](http://www.mast-victims.org/resources/docs/Hardell%20et%20al%20comments%20on%20SCENIHR%202013_24%20March)

[victims.org/resources/docs/Hardell%20et%20al%20comments%20on%20SCENIHR%202013_24%20March](http://www.mast-victims.org/resources/docs/Hardell%20et%20al%20comments%20on%20SCENIHR%202013_24%20March)

March 1, 2014: Belgium acts to protect children from cell phones

Bans sales and advertising of cell phones to children under seven. All cell phones must prominently display the Specific Absorption Rate (SAR).

www.health.belgium.be/eportal/19089508_EN#.VA9_WcJdVad

March, 2014: The President/CEO of Belgium's largest cell phone company:

- Bans cell phones and Wi-Fi from his offices, and warns children of their dangers,
- insists all cell phones must display relative levels of radiation, and,

- bans sale and advertising of cell phones to children under seven.

<http://emfsafetynetwork.org/belgium-bans-sales-and-advertising-of-mobile-phones-for-children-under-7>

April, 2014: The “Times of India” calls out ICNIRP/ICES and FCC

“The health risk from Wi-Fi devices is rising ... epidemiological evidence shows that radio frequency should be classified as a known human carcinogen. The existing FCC/IEEE and ICNIRP public safety limits are not adequate to protect public health.”

The Times of India, April 15, 2014

May, 2014: Australia’s largest telecom company warns its own customers

Telstra warning on how to reduce exposure to electromagnetic energy freaks out its own customers.

www.news.com.au/technology/gadgets/telstra-warning-on-how-to-reduce-exposure-to-electromagnetic-energy-freaks-out-customers/story-fn6vihic-1226976649688

August, 2014: 98 experts from 23 nations condemn FCC guidelines

Of the 950 submissions to FCC regarding its 18-year-old outmoded cell phone radiation regulations, almost all cited research that finds cell phone radiation harmful to humans. They demanded stronger regulations.

www.saferemr.com/

August, 2014: 29 cell phone-related law suits underway

A Washington D.C. superior court ruled that five scientific expert witnesses can testify for consumers suffering from brain tumors allegedly caused or promoted by cell phone use.

www.pharmiweb.com/PressReleases/pressrel.asp?ROW_ID=96815#.U-Zhl-NdV8E

October 17, 2014: Nokia’s former technology chief falls victim to cell phone radiation

Matti Niemelä (1997-2007) was involved in the development of the world’s first

mobile phones, but fell seriously ill from mobile phone microwave radiation and now uses a walker.

<http://betweenrockandhardplace.wordpress.com/2014/10/18/series-of-stories-in-finnish-newspaper-satakunnan-kansa/>

1995-2015: Brain tumors have more than doubled in 20 years

GBM (glioblastoma multiforme), the most aggressive and quickly fatal form of brain tumors, has more than doubled in 20 years.

<http://microwavenews.com/news-center/gbms-rising-uk>

June, 2015: North America – Cordless phones – Europe vs North America

European consumers can purchase cordless phones and baby monitors that are voice-activated rather than being on and emitting RF radiation 24 hours a day. These types of devices are not available in Canada or the United States.

www.parl.gc.ca/Content/HOC/Committee/412/HESA/Reports/RP8041315/412_HESA_Rpt13_PDF/412_HE_e.pdf

June 9, 2015: U.S. – CTIA sued the city of Berkeley

The U.S. cell phone industry (CTIA) sued the city of Berkeley, CA, to block their proposed ordinance which would have alerted the public to the radiation emitted by cell phones, and not to carry cell phones in pockets or in ladies' bras.

www.fiercewireless.com/wireless/ctia-sues-to-block-berkeley-s-cell-phone-radiation-warning-law

2015: Global – newer phones are more dangerous

Average radiated power from 3G (UMTS modulated) phones decreased a thousand-fold from earlier 2G (GSM modulation) yet triples the risk of brain cancer. In all phones, both the radiated power and the cumulative hours of use are factors in cancer.

Lloyd Morgan commenting on Dr. Lennart's Hardell's recent studies and findings

Many countries of the world warn children and pregnant women not to use cell phones

The European Environmental Agency and many nations of the world, including the U.K., France, Russia, Sweden, Thailand, Finland, India, Israel, and Finland have issued health warnings advising that children not use cell phones. ICEMS

joins medical and health societies in Germany and Austria, health practitioners and many advocacy groups worldwide in advising precautionary use, especially by young people and pregnant women.

www.icems.eu/public_education.htm

January 28, 2016: City of Berkeley wins – cell phone industry loses

A federal judge ruled against the CTIA, who had sued the City of Berkeley to prevent it from passing the city's "Right-to-know" ordinance (about informing buyers how much radiation cell phones emit).

March 2016: Cell phones are not safe

The presidents of Bell, Rogers, Telus, or any cell phone maker will not declare publicly that their products are safe. In the U.S., the wireless industry's own spokesman, Dane Snowden, testified to the state legislature of Vermont: "Industry has not said once – not once – that cell phones are safe. FCC says they're safe."

<http://vitalitymagazine.com/article/invisible-threat/>

May, 2016: "Cell phones do cause brain cancer"

"The weight of the evidence is clear," said Dr. Devra Davis, President, Environmental Health Trust.

<http://baltimore.cbslocal.com/2016/05/03/new-research-links-cell-phones-to-health-issues-for-infants-and-children/>

2017: Canada – One of the highest brain cancer rates in the world

International data suggests we have one of the highest rates of brain cancer in the world. Canada does not record incidence rates for all primary brain tumors, traditionally omitting non-malignant brain tumors. An estimated two-thirds of all non-malignant brain tumors are not reported in cancer registries and yet they can be just as devastating as malignant ones.

Brain Tumor Foundation of Canada.

2017: France – Bans cell phones from all schools, colleges and playgrounds

<https://projectcensored.org/phonegate-french-study-finds-9-10-cell-phones-exceed-safe-radiation-limits/>

March 2017: RF radiation causes cancer

“RF should be classified a Group 1 or known human carcinogen,” says Lennart Hardell, MD, PhD, Sweden, the world’s foremost authority on mobile phone radiation and brain tumors.

Speaking bluntly in the International Journal of Oncology, Dr. Hardell stated that “pandemic corruption is harming all people on earth”.

<https://lennarthardellenglish.wordpress.com/page/3/>

www.spandidos-publications.com/10.3892/ijo.2017.4046

April 21, 2017: U.S. – Cell phone industry must issue warnings

The City of Berkeley, CA, became first city in North America to be able to warn people about wireless radiation, and not to carry cell phones in their pockets or bras. Now cell phone retailers in that city are obliged to provide cell phone purchaser with a copy of the ordinance, which alerts phone buyers to note differences in radiation; advises men not to carry phones in pant pockets and women not to carry phones in their bras, etc.

www.rfsafe.com/wp-content/uploads/2015/05/berkeley-cell-phone-warning-is-law.jpg

May 3, 2017: Italy – Court ruled cell phone caused brain tumor

Telecom Italia employee had been required to use phone for 15 years.

www.newstarget.com/2017-05-03-cell-phones-definitely-cause-brain-tumors-italian-court-rules.html

December 14, 2017: California issues cell phone warning

Press release, California Department of Public Health.

www.forbes.com/sites/brucelee/2017/12/16/california-warnings-about-cellphones-what-you-need-to-know/

January, 2018: Global – Telecom annual reports warn investors of possibly stormy seas ahead

Corporate annual reports warn investors of ongoing and possible future lawsuits claiming injury or death attributed to cell phone radiation, and the possibility of dire consequences to company operations.

<https://ehtrust.org/key-issues/corporate-company-investor-warnings-annual-reports-10k-filings-cell-phone-radiation-risks/>

January, 2018: CTIA appeals to U.S. Supreme Court

CTIA asked the U.S. Supreme Court to overturn Lower Court decision approving City of Berkeley's cell phone "Right-to-know" ordinance.

<http://bit.ly/berkeleycellordinance>

March, 2018: U.S. – NTP study confirms cell phones cause cancer in rats

Panel of experts reviewed the 2016 draft report of the U.S. National Toxicology Program's (NTP) ten-year, \$25 million study – which was considered to be the gold standard of EMF research. It concluded that current wireless safety standards do not adequately protect the public.

<https://ntp.niehs.nih.gov/results/areas/cellphones/index.html>

<http://microwavenews.com/news-center/ntp-peer-review-sees-tumor-risk>

April, 2018: 44 reasons cell phones can cause cancer include:

- A cell phone is a mobile microwave transmitter and receiver radio.
- In use, it can transmit and receive invisible and silent "energy" (microwave radiation) distances up to 45 miles away.
- Unsuspecting people hold cell phones against their head/temple – absorbing this same microwave radiation.

<https://prepareforchange.net/2018/04/07/44-reasons-cell-phones-can-cause-cancer/>

May 2, 2018: U.K. – Brain tumors more than doubled in 20 years

The incidence rate for glioblastoma more than doubled in England between 1995 and 2015.

www.cnn.com/2018/05/02/health/brain-tumors-cell-phones-study/index.html

June 2018: France – Bans cell phones (effective September 2018)

In nursery, primary and middle schools – anywhere on school grounds – until

around age 15.

www.awaken.com/2017/12/france-will-ban-cell-phones-in-elementary-schools/

October 2018: France – “PhoneGate” scandal revealed

Appeal for the withdrawal of more than 250 mobile phone models in France, Europe and internationally. French study finds nine of ten cell phones exceed safe radiation limits and as much as 300% more than manufacturers claim.

<https://tinyurl.com/phonegatescandal>

<http://projectcensored.org/phonegate-french-study-finds-9-10-cell-phones-exceed-safe-radiation-limits/>

www.phonegatealert.org/en/appeal-for-the-withdrawal-of-more-than-250-mobile-phone-models-in-france-europe-and-internationally

October, 28, 2018: England – Brain tumors have doubled since mobile phones were introduced

Microwave News published a report on two research teams from U.K., in which each had observed a rise in glioblastoma in England between 1995 and 2014. Glioblastomas are the most malignant brain tumors leading to death in nearly 100% of the cases shortly after detection.

<https://pandora-foundation.eu/2019/03/19/glioblastomas-have-doubled-in-number-in-england-since-mobile-phones-were-introduced-in-1995/>

November 1, 2018: U.S. – NTP and cell phone radiation

The NTP study cost \$30 million and took more than ten years to complete. It was the largest-ever study on rats and mice exposed to cell phone radiation, and concluded that cell phone radiation leads to cancer: malignant gliomas in the brain and schwannomas of the heart.

<https://microwavenews.com/news-center/ntp-final-rf-report>

<http://biorxiv.org/content/10.1101/055699v3>

www.prnewswire.com/news-releases/brain-cancer-1-for-children-15-19-yrs-while-fda-minimizes-risk-from-conclusive-nih-study---us-brain-tumor-associationcom-300743742.html

November, 2018: China – Shandong province bans cell phones and tablet computers from schools

Government bans cell phones and tablet computers from primary and middle schools to curb 40% rate in children with myopia.

<https://tinyurl.com/Chinacellphoneban>

January, 2019: Italy – Government has been ordered by the courts to educate the public on the dangers of mobile phone radiation

An Italian court has ordered the government to launch an “awareness campaign on cell phone radiation” by July 16 to advise the public of the health risks from mobile and cordless phones. A citizens’ group called APPLE (Association for the Prevention of and Fight Against Electromog) sued to force the government to act.

www.giustizia-amministrativa.it/cdsintra/cdsintra/AmministrazionePortale/DocumentViewer/index.html

January 2019: Global – Lawsuits against cell phone companies

Italy’s fourth award (in favour of the public) plus other lawsuits dating back to 1992. Also, see the end of this report which lists several news reports on cell phone radiation litigation.

<https://ehtrust.org/key-issues/cell-phone-radiation-litigation/>

March 1, 2019: Belgium – Protects children from cell phone radiation

Effective this date, the government bans the sale of and advertisements for cell phones designed for children below the age of seven because of radiation levels considered dangerous.

www.flanderstoday.eu/innovation/belgium-bans-sale-mobile-phones-designed-children

March 12, 2019: Canada – Largest province, Ontario, bans cell phones from public schools

Effective Sept. 2019, the province of Ontario bans cellphones from public schools during instructional periods.

www.cbc.ca/news/canada/british-columbia/cellphone-ban-ontario-1.5054099

April 25, 2019: North America – Keep that cell phone away from the body

New study found that cell phones can emit eleven times over the FCC limit and

three times over European limits.

<https://emfrefugee.blogspot.com/2019/04/new-study-cell-phones-exceed-safety.html>

May 6, 2019: Japan and Korea – Planned joint replication of NTP study on cell phones

Proposed are the following candidates for the project's international steering committee:

- Alexander Lerchl, Jacobs University, Germany,
- Michael Repacholi, founder of WHO-EMF Project and ICNIRP,
- Emilie van Deventer, head of WHO-EMF Project,
- Eric van Rongen, chair of ICNIRP,
- Vijayalaxmi, University of Texas Health Science Center,
- Joe Wiart, Telecom Paristech, formerly France Telecom,
- Michael Wyde, NIEHS/NTP.

<https://microwavenews.com/news-center/japan-korea-ntp-rf-project>

May 21, 2019: Western countries – Cell phones and male infertility

Male infertility is epidemic in the western world, with men now producing 60% less sperm than they did in 1975 (interesting timing indeed). The link between cell phone radiation and infertility cannot be ignored either. Female fertility is also in steep decline and the U.S. is currently experiencing its lowest birth rate recorded since 1909 when the government first began tracking fertility.

www.electricsense.com/14745/ultrasound-pregnancy-risks/

May 28, 2019: North America – It's 3 a.m., do you know who your iPhone is talking to?

Apple says, "What happens on your iPhone stays on your iPhone." Our privacy experiment showed 5,400 hidden app trackers guzzled our data — in a single week.

www.washingtonpost.com/technology/2019/05/28/its-middle-night-do-you-know-who-your-iphone-is-talking/?utm_term=.e081cbf5c64a&wpisrc=nl_most&wpm=1

June 3, 2019: U.S. – Colorectal cancer is soaring among young adults

Americans in their 20s are getting more colon and rectal cancer. Those born in 1990 now face four times the risk of developing rectal cancer and twice the risk of colon cancer, compared to those born around 1950, according to the American Cancer Society.

Microwave News.

June 11, 2019: Denmark and England – Fatal brain tumors nearly double in 20 years

New [government data](#), released in May by a member of the Danish Parliament, show a near doubling of this fatal brain tumor, glioblastoma multiforme, since the year 2000.

<https://microwavenews.com/news-center/fact-or-artifact>

July 2, 2019: U.S. – Cell phone industry loses court battle – again

The City of Berkeley's right-to-know ordinance requires that cell phone buyers be provided the following notice: "To assure safety, the Federal Government requires that cell phones meet radiofrequency (RF) exposure guidelines. If you carry or use your phone in a pants or shirt pocket or tucked into a bra when the phone is ON and connected to a wireless network, you may exceed the federal guidelines for exposure to RF radiation." Thanks to the Berkeley ordinance billions more will learn that cell phones are two-way microwave radios that should be used with precaution. New scientific studies and investigations from the Canadian Broadcasting Corporation confirm that cell phones can exceed the FCC limits up to eleven times when held next to the body.

<https://ehtrust.org/policy/the-berkeley-cell-phone-right-to-know-ordinance/>

August 12, 2019: Global – Apple iPhones will have 5G transmitters built in

With over a million 5G cell towers getting installed as you read this, at least three of Apple's iPhones coming out in 2020 will support 5G.

www.naturalnews.com/2019-08-12-apple-new-iphones-to-come-with-5g-transmitters.html

August 21, 2019: U.S. – Middle school bans cell phones

Effective immediately Alhambra County public schools will no longer permit

Effective immediately, Albemarle County public schools will no longer permit middle school students to carry their personal cell phones with them during the school day, for several reasons:

- complaints from teachers,
- research suggesting cell phones affect student's concentration, and,
- a national poll that says nearly 80% of parents don't want their kids using their phones during school.

www.nbc29.com/story/40919081/albemarle-co-students-no-longer-allowed-to-bring-phones-to-middle-school

August 22, 2019: U.S. – Samsung and Apple are being sued over cell phone safety

Class-action law firm, Fegan Scott, launches investigation over troubling research showing radiation risk from millions of cell phones. The research, conducted by the Chicago Tribune and an independent laboratory hired by the newspaper, shows that cell phones including the iPhone 7, X, 8 and 8+ among others, emit as much as twice the amount of radiation as the phones' manufacturers claim. "This could be the Chernobyl of the cell phone industry, cover-up and all," said Fegan.

<http://markets.financialcontent.com/stocks/news/read?GUID=38745716>

Chapter 12: Cell Phone Towers



(Includes all radio and TV broadcast towers, amateur “HAM” radio towers, etc.)



Cell Towers are Dangerous

As thousands of studies have shown, the constant pulsed radio frequency radiation causes biological damage to the body and is a precursor to diseases (besides cancer) such as:

- Genetic mutations,
- Memory disruptions,
- Hindered learning,
- ADD,
- Insomnia,
- Brain disorders,
- Hormonal imbalances,
- Infertility,
- Dementia,

- Heart complications.

<http://thewatchers.adorraeli.com/2013/06/24/new-study-links-over-7-000-cancer-deaths-to-cell-phone-tower-radiation-exposures/>

1956: Australia – TV broadcast towers and cancers

When television was introduced in Australia in 1956, researchers there documented a rapid increase in cancers among people who lived near transmission towers.

www.arizonaadvancedmedicine.com/articles/2013/june/electrosmog/

1970s: Globally – Cell phone tower radiation

Studies conducted in San Francisco and cities in Austria, Germany and Israel, dating back to the 1970s all showed that living within a certain proximity to a cell phone tower increased the risk of cancer anywhere from two to 121 times, depending on what type of cancer was detected.

www.naturalnews.com/040905_cell_phone_towers_radiation_cancer.html#ixzz3EMbJJbZc

c. 1985: U.S. – Cell phone towers and Down syndrome

The small community of Vernon, N.J. (Pop. 25,000) had 1000 times the national average incidence of Down syndrome. The town ranked fifth in U.S. (behind New York, Chicago, Dallas and San Francisco) in terms of the number of microwave transmitters it had.

Cross Currents, Dr. Robert O. Becker, pp199

1988: U.S. – San Francisco’s iconic Sutro Tower causes cancers

The 15 year year study (1973-88) concluded: “Taken together, the analysis of this data-set strongly and comprehensively confirms the a priori hypothesis that the chronic exposure to RF/MW radiation causes cancer at residential exposure levels. There is robust evidence that RF/MW radiation is genotoxic.” This study confirms that RF/MW is carcinogenic with a Lowest Observed Adverse Effect Level (LOAEL) of zero chronic mean exposure, consistent with RF/MW radiation being a genotoxic disease agent. It also concluded that national RF/MW standards need to be revised (from thermal ONLY to biological or non-thermal effects).

www.cellphonetaskforce.org/wp-content/uploads/2012/01/cherry.pdf

1990: U.S. – Cell towers and childhood leukemia

Although no conclusion as to the cause could be reached, it was noted that between 1979 and 1990 twelve children in Hawaii who lived within 2.6 miles of the low frequency radio towers were diagnosed with acute leukemia.

www.ncbi.nlm.nih.gov/pubmed/7823291

1995: New Zealand – Court rejects Dr. Michael Repacholi’s science

WHO staff member and chairman of ICNIRP, Dr. Michel Repacholi, was the “primary expert” who defended BellSouth’s proposed new GSM cell site in New Zealand, but the N.Z. Environment Court rejected his position that “there was no evidence of adverse effects below the international guidelines, because the only effect of RF/MW radiation was tissue heating.” Dr. Repacholi’s own research proved this was not true, said Dr. Neil Cherry.

www.land-sbg.govt.nz/celltower

<https://sites.google.com/site/nomarinwoodtower/dr-niel-cherry-s-report-related-to-cell-towers-and-increased-cell-damage-leukemia-etc>

1995: U.S. – Cell tower should not be sited on schools or near residential areas

Former U.S. President Bill Clinton issued a formal memorandum stating that transmitter masts should not be sited on schools or near residential areas.

www.equilibrauk.com/emfnewinfo.shtml

1996: U.S. – Corruption in U.S. President Clinton’s administration

One year after writing the above memorandum, U.S. President Bill Clinton signed into law the Telecommunications Act of 1996, Section 704 of which makes it illegal for any state or municipal government to block erection of a cell phone tower on the basis of health or environment concerns.

www.sandiegoreader.com/news/2011/may/18/citylights2-cell-phone-tower/?page=2&

<https://mdsafetech.org/telecommunications-act-of-1996/>

1999: Canada – Nation’s largest city adopts a prudent avoidance policy

City of Toronto’s Board of Health gave their support to a prudent avoidance

policy, which recommended that the levels of radio frequency radiation from cell phone towers in the City of Toronto be kept 100 times below Safety Code 6 guidelines.

Havas, Recommendations, TPH, Prudent Avoidance RFR, Nov 4, 2013.

C-2000: Europe – Cell phone towers and nesting birds

Studies were begun circa 2000 in Europe on wild nesting birds. Study results have documented nest and site abandonment, plumage deterioration, locomotion problems, reduced survivorship, and death (e.g., Balmori 2005, Balmori and Hallberg 2007, and Everaert and Bauwens 2007).

<https://emfrefugee.blogspot.com/2014/12/dahr-jamail-documents-show-navys.html>

June, 2000: Germany – Cell towers need to reduce radiation by 10,000 times

The Salzburg Resolution on Mobile Telecommunications Base Stations, adopted at the “International Conference on Cell Tower Siting,” would prohibit any cell site from emanating more than 1 mW/m² (0.1 µW/cm²) – 10,000 times more strict than the current U.S. standard. This limit takes into account the growing evidence for non-thermal RF bio effects.

The Resolution was signed by 19 of 23 speakers, including Dr. Carl Blackman of the U.S. Environmental Protection Agency.

2002: Germany – The Freiburger Appeal

Signed by over 3,000 physicians, it warned that radiation from cell phones and cell phone towers was causing serious health impacts including “heart attacks and strokes among an increasingly younger population.

Dr. Magda 05/15/2019 letter to Secretary General of CRTC.

2002: United Kingdom – Cell towers and cancer

People living in five of the seven homes surrounding Forest House in Carnarvon Road, South Woodford, which has 16 masts on its roof, have contracted cancer.

www.ecolibria.com.au/Resources/electromagnetic-radiation-emr-and-potential-adverse-health-affects

2003: France – Telecom company stops operations at school following eight cancers

French multinational telecom giant “Orange” suspended operations at a school phone mast site in Paris after eight cases of cancer were confirmed among

PHONE MAST SITE IN PARIS AFTER EIGHT CASES OF CANCER WERE COMMUNED AMONG children in the district.

<https://tinyurl.com/yy83akpz>

2004: Canada – 24 cancer cases and 12 deaths on Montreal, Quebec, campus

CEGEP Andre-Laurendau – Montreal: between 1999-2004 the college had 24 cancer cases, 12 deaths, and many other serious illnesses. Dr. Andrew Michrowski was retained to conduct an epidemiological study of the cancer cases. Although “conclusive” proof could not be determined, Bell quietly removed its antennas from the college roof.

www.next-up.org/NewsOfTheWorld/Excess_mortality.php

2004: United Kingdom – TETRA cell phone tower

One morning in a British primary school, 11 children in various classrooms suddenly and simultaneously developed nose bleeds and nausea for no apparent reason. One child collapsed and was rushed to hospital. Cause? Weeks later it was found that a TETRA transmitter mast, which had been installed in the village some months earlier – located 75m/210 feet from the school – had been switched on for the first time on that very same disastrous morning.

Cellular Radiation by Dr. David R. James and Ora James Murphy, pp. 46/47

2004: North America – International fire fighters say no to cell towers

U.S. and Canadian fire fighters in IFFA (International Fire Fighters Association.) say “NO” to cell towers on or near fire stations. Their position paper cited 49 references and 40 citations.

www.bibliotecapleyades.net/scalar_tech/esp_scalartech_cellphonesmicrowave17.htm

2004: Germany – Ten-year study concluded cell phone towers increase risk of cancer

The study (1994-2004) entitled, “The Influence of Being Physically Near to a Cell Phone Transmission Mast on the Incidence of Cancer,” revealed that in that ten-year period, after five years’ operation of the cell tower, the relative risk of getting cancer tripled for the residents in the proximity of the installation (i.e. within 400 meters) compared to those who lived outside the area. In addition, the patients who live within 400 meters tend to develop the cancers at a younger

age.

<https://anticelltowerlawyers.com/>

Campanelli and Assoc. P.C., (New York City, NY, U.S.) Tel.: 516 746-1600

2006: Australia – Cell towers and seven brain tumors

In Melbourne, Australia, seven people at the Royal Melbourne Institute of Technology (RMIT) developed brain tumors two floors underneath transmitting antennas. They had been working there for ten years.

www.change.org/p/stop-building-cellular-mast-in-populated-communities

2006: Greece – Safe distances for cell phone towers and power lines

Greece prohibits cell phone towers and HV power lines within 500 meters of schools.

AUTHOR'S COMMENT: Contrast this with what Canada and the U.S. allow industry to do.

World News 24/10/2006

www.savedereel.com/2008

2006: U.S. – House prices drop 21% if near a cell phone tower

See (the url that follows) for the results...

<http://snurl.com/2922m58> for the results of the “opinion survey” that was published in *The Appraisal Journal of the Appraisal Institute*, the largest global professional organization for appraisers with 91 chapters. The “opinion survey” results were then confirmed by a market sales analysis.

<http://electromagnetichealth.org/electromagnetic-health-blog/survey-property-desirability/>

March 23, 2007: Ireland – Government report dismisses health concerns about EMFs and RF EMFs

A four-member panel, chaired by the infamous Mike Repacholi (the former head of the WHO EMF Project), concluded that RF from cell phones and cell phone towers, and EMFs from power lines are not harmful.

<https://microwavenews.com/news-center/irish-panel-mobile-phones-are-safe>

2007: Globally – Cell phone towers and cancer

Around the world cancer clusters and other illnesses have been reported in the vicinity of cell towers and on top floors of buildings that have antennas on their

vicinity of cell towers and on top floors of buildings that have antennas on their roofs, e.g., hospitals and universities. In 2007, a cancer cluster in a hospital in Israel was found with ten people on the top floor contracting cancers.

www.yshield.com.au/yshield/downloads/joining-the-dots-executive-summary.pdf

2007: U.K. – “Tower of doom” had two cell phone towers on roof

One five-story apartment building with 110 residents in Staple Hill, Bristol, U.K., had seven cases of cancer (five breast, one womb, one bowel), three of which resulted in death. Five victims lived on top floor which had just eight apartments. After a five-year legal battle, Orange agreed to remove its tower; Vodafone intends to remain there.

www.dailymail.co.uk/health/article-473553/Orange-remove-mobile-mast-tower-doom-cancer-rate-soared.html

<https://tinyurl.com/yy83akpz>

2007: Spain – One cell tower – 30 cases of cancer

In Malaga, Spain, a judge approved residents’ requests for the removal of a phone mast on a block at Calle Ingeniero de la Torre Acosta, based on 30 cases of cancer in proximity to the tower.

www.weepinitiative.org/LINKEDDOCS/scientific/20080117_bevington_emfs.pdf

2007: Cell phone towers

- Government of Taiwan removes 1,700 cell towers over concerns about cancers, miscarriages, neurological diseases, depression and suicide.
- Israel banned new cell towers from residences and balconies. Existing towers must be renewed every five years – if approved.

<https://tinyurl.com/yxl2hyjp>

2007: U.K. – Cell towers (view the link to see scores of examples)

Studies have shown high incidences of cancer, brain haemorrhages and high blood pressure within a radius of 400 yards of mobile phone towers. One study, in Warwickshire, showed a cluster of 31 cancers on a single street. A quarter of the 30 staff at a special school within sight of the 90ft high mast have developed tumors since 2000, while another quarter have suffered significant health

problems.

<https://tinyurl.com/yy83akpz>

2008: U.S. – One cell tower, three died of brain cancer

At San Diego State University, three cancer victims worked in the same room in a three-story building on which a cell tower was mounted. Another professor who worked in the room was said to be suffering from another kind of brain tumor.

<http://healthjournalism.org/blog/tag/brain-cancer/>

2008: Canada – City of Toronto disagrees with Safety Code 6

In Canada's largest city, the city council adopted a new prudent avoidance policy that urges telecom companies installing new cell towers in the city to keep radiation levels 100 times below Health Canada's Safety Code 6. (Update: this policy was renewed in 2013.)

www.toronto.ca/legdocs/mmis/2007/hl/bgrd/backgroundfile-8919.pdf

<http://c4starchives.org/TorontoWiFi>

2008: Austria – Cell phone towers and cancer

A study by Austrian Dr. Gerd Oberfeld (EMFacts 2008) showed a 23-fold increase in breast cancer and a 121-fold increase in brain tumors for those who lived with 200 meters of a cell phone base station for five years or longer.

www.verwaltung.steiermark.at/cms/ziel/21212/DE/

October 2008: U.S. – U.S. Senator John McCain and cell towers

As he was launching his presidential bid, both Verizon and AT&T provided cell towers for McCain's 15-acre ranch. Almost ten years later (August 25, 2018) he died of brain cancer (glioblastoma). McCain's staff were lobbyists for both Verizon and AT&T, both of whom raised millions for McCain.

http://voices.washingtonpost.com/washingtonpostinvestigations/2008/10/exclusive_verizon_gave_cell_to.htm

2009: France – People fighting cell tower win in court

The French High Court ruled against telecom company Bouygues Telecom and ordered them to take down a mobile phone mast due to uncertainty about its effect on health. Residents of Charbonnières had sued the company claiming

adverse health effects from the radiation emitted by the 19 meter-tall antenna.

http://en.wikipedia.org/wiki/Mobile_phone_radiation_and_health#French_High_Court_ruling_against_tele

2009: Spain – One cell tower and 43 cancer victims

A tiny community of just 350 residents living near a mobile telephone relay antenna experienced 43 cases of cancer.

www.next-

[up.org/pdf/Malaghoey_43_cancer_cases_among_350_residents_living_near_a_mobile_telephone_relay_ant](http://www.next-up.org/pdf/Malaghoey_43_cancer_cases_among_350_residents_living_near_a_mobile_telephone_relay_ant)

2010: Europe – Cell tower radiation – even 500 meters is not safe

Epidemiological evidence from several countries found that eight of the ten studies reported increased prevalence of adverse neurobehavioural symptoms or cancer in populations living at distances of less than 500 meters from base stations.

<http://wifischools.org.uk/resources/Khurana+et+al+2010.pdf>

2010: Canada – Health Canada was warned about cell tower radiation, but remained silent

One of the world's most respected scientists, Dr. Henry Lai, together with award-winning author and journalist, Blake Levitt, had their warning about cell tower radiation published in Canada's National Research Council Journal. Their report said that many Canadians are being exposed to dangerous levels of radiation and concluded that a new biologically-based guideline is needed, instead of the dangerous, outdated thermal guidelines.

Authors: B. Blake Levitt and Henry Lai.

http://safeschool.ca/Health_Warnings.html

November 5, 2010: Canada – cell tower radiation is harmful to humans

Canada's national broadcasting corporation, CBC News, referred to a newly published report that draws some disturbing conclusions about radiation people are absorbing from cell phone towers and its effects on human health.

www.cbc.ca/news/cell-tower-radiation-harmful-to-humans-study-1.958047

March, 2011: Italy – The Supreme Court tells Vatican Radio to pay out over cancer risks

From 1988 to 1999, 41 people within a six-mile zone around the transmitters died of leukemia, with 17 new cases arising in the last three years. Many of the victims and their families blame the transmitters for the suffering. The Supreme Court ordered the Vatican to pay out.

<http://articles.mercola.com/sites/articles/archive/2011/03/17/vatican-radio-is-told-to-pay-out-over-transmitter-cancer-risk.aspx>

2011: Brazil – >7000 cancer deaths caused by cell tower radiation

In Belo Horizonte, Brazil's third largest city, their ten-year (1996-2006) study found that 80% of victims lived <1/3 mile from a cell tower. People died from cancers of the prostate, breasts, lungs, liver or kidney. Studies in San Francisco and cities in Austria, Germany and Israel dating back to 1970 shared similar findings: living within a certain proximity to a cell phone tower increased the risk of cancer from two to 121 times depending on what type of cancer was detected.

<http://thewatchers.adorraeli.com/2013/06/24/new-study-links-over-7-000-cancer-deaths-to-cell-phone-tower-radiation-exposures/>
www.naturalnews.com/040905_cell_phone_towers_radiation_cancer.html

Belo Horizonte Study

Within Deaths Total /meters Deaths

100 m 3,569

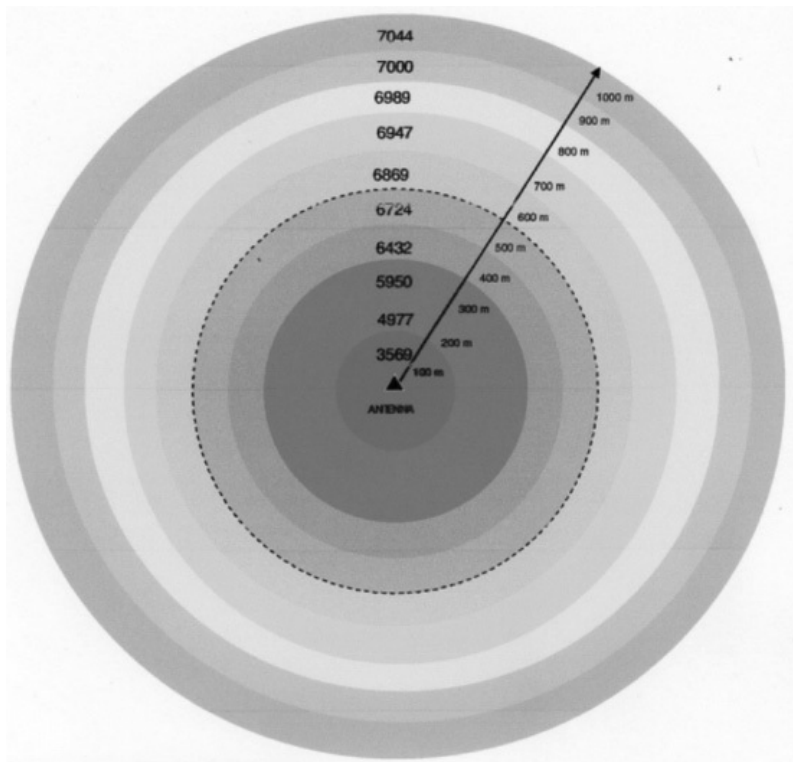
200 m 3,569 + 1,408 = 4,977

300 m 3,569 + 973 = 5,950

400 m 3,569 + 482 = 6,432

500 m 3,569 + 292 = 6,724

Beyond 1000 m = 7,191



2012: U.K. – The “Tower of Doom” had two cell towers on roof

A British cell phone company was ordered to remove two cell towers from a five-story building. Seven residents were stuck down by cancer: three died and four more have battled cancer since masts were erected on the roof. Known as the Tower of Doom, the cancer rate on the top floor is 20%, ten times the national average.

www.agoracosmopolitan.com/home/Frontpage/2008/02/01/02182.html

2012/2013: India – Enlightened high court banishes cell towers

In India's largest state, Rajasthan, and in the nation's largest city, Mumbai, State High Courts ordered the removal of all cell towers from schools, playgrounds, hospitals, colleges, orphanages, and prohibits them in future.

www.cellphonetaskforce.org/wp-content/uploads/2014/07/Brief-of-Amici-Curiae.pdf

July, 2013: India – Supreme Court of India supports cell towers being banished

It upheld the decision of the High Court of the State of Rajasthan to remove all cell towers from the vicinity of schools, colleges, hospitals and playgrounds because radiation is “hazardous to life.”

www.cellphonetaskforce.org/?page_id=128

September 2013: India – City of Mumbai cracks down on cell towers

Mumbai (population about 20 million) in the State of Maharashtra, prohibits cell phone towers on schools, colleges, hospitals and juvenile correctional homes and requires existing towers on such buildings to be removed.

www.cellphonetaskforce.org/?page_id=128#top

2013: Canada – Toronto continues to ignore Safety Code 6 re cell towers

Toronto's Board of Health reaffirms the city's prudent avoidance policy on cell phone tower radiation levels (100 times lower than Health Canada's Safety Code 6) despite recommendation of city's current Medical Health Officer to drop it.

www.itworldcanada.com/article/torontos-cell-tower-radiation-guideline-to-stay/8662#ixzz2kb9md6kL

2013: U.S. – Jury awards couple \$1 million in cell tower law suit

Vermont Electric Power was forced to pay \$1 million to a Russian immigrant couple with four young children forced from their home by new tower.

Boston Globe, 13th December 2013.

www.rutlandherald.com/article/20131213/THISJUSTIN/131219975/0/NEWS02

2014: Peru – Lima is called “Cancer City”

2014: Peru – Lima is called ‘Cancer City’

Because of its unregulated and thus extremely high levels of electromagnetic radiation.

www.peruthisweek.com/blogs-radiation-in-lima-the-so-called-cancer-city-102998

2015: Very weak radiation from a cell tower harms watercress seeds

Even very weak RF EMF from cell towers (900 MHz and 1.8 GHz) 200 meters away from a building emitting only 0.1 v/m² (which is hundreds of times lower than that approved for U.S. public exposure to microwave) prevented watercress seeds from germinating.

www.mnn.com/health/healthy-spaces/blogs/student-science-experiment-finds-plants-wont-grow-near-wi-fi-router

2015: Brazil – Cell tower radiation maims and kills

A Brazilian court ordered Nokia to compensate a 15-year cell tower technician who contracted chondrosarcoma, a rare type of bone cancer in his right thigh in 2002. He was forced to retire due to disability at age 37. Three co-workers developed the same type of cancer and all died: aged 28, 39 and 45.

www.mast-victims.org/index.php?content=news&action=view&type=newsitem&id=6695

2015: U.S. – Firefighters rebel against cell towers on fire stations

Firefighters in Los Angeles, California, threatened to pull their rigs into the streets to block traffic if FirstNET – the first responder’s telecommunications network – went ahead with plans to put cell towers on fire stations.

www.odwyerpr.com/story/public/9385/2017-09-13/firefighters-exempt-selves-from-calif-bill-save-others.html

June, 2016: Canada – Municipal governments cannot block erection of cell phone towers

The Supreme Court of Canada re-affirmed that municipal governments have no jurisdiction in the approval of cell phone towers, meaning that the federal government agency Innovation Science and Economic Development Canada (ISED) is the sole approving authority for the erection of cell phone towers in Canada.

www.canadianlawyermag.com/legalfeeds/3307/cities-have-no-say-on-location-of-cellphone-towers-

[scc.html](#)

February 2017: Globally – Communication towers take a huge toll on protected migratory birds

Radiation studies at cellular communication towers were begun circa 2000 in Europe and continue today on wild nesting birds:

- By injury, crippling loss, and death from collisions with towers and their supporting guy-wire infrastructure, where present.
- From the non-ionizing EMR emitted by these structures.

<http://nebula.wsimg.com/e498f8f484d32b310fa2cccec4eb7d28?AccessKeyId=FF4B01FD5B2965093C55&disposition=0&alloworigin=1>

April 12, 2017: India – Supreme Court ordered cell tower be removed

In a landmark judgement which can open a Pandora's box, India's Supreme Court has ordered the removal of a cell tower in Gwalior, Madhya Pradesh. The order was passed after a man claimed that radiation from the cell tower caused his cancer.

www.radiationresearch.org/articles/tower-caused-cancer-supreme-court-orders-removal-of-that-cell-tower/

April 18, 2017: U.S. – School district sets a precautionary level for radiation 10,000 times lower than outdated FCC limits

The Los Angeles School District uses a radio frequency radiation (cell tower and wireless radiation) threshold 10,000 less than the outdated FCC Limits. It also banned cell towers on school property.

<https://nocelltoweratpgcpschools.blogspot.com/2017/04/the-la-school-district-uses-radio.html>

June, 2017: U.S. – No 5G micro cell towers allowed on California fire halls

Members of the International Fire Fighters of America have been exempted from having 5G micro cell towers erected on their fire halls out of concern for their health.

www.stopsmartmetersbc.com/z/2017-06-27-firefighters-in-california-exempted-from-having-microcells-at-fire-stations/

June 28, 2017: U.S. – City is warned about dangers of 5G cell phone towers

Dr. Devra Davis, PhD, warned the City of Sacramento, CA., about the dangers of 5G technology, towers of which can be as close as 100 feet apart at heights of <30 feet.

www.stopsmartmetersbc.com/wp-content/uploads/2017/06/Opposition-to-SB-649-Hueso-Letter-to-California-Assembly-Member-Cecilia-M.-Aguilar-Curry-by-Devra-Davis-for-the-Environmental-Health-Trust-June-28-2017.pdf

March 22, 2018: Italy – Ramazzini study showed cell towers cause cancers

The world's largest animal study of cell tower radiation (1.8 GHz GSM radio frequency radiation of 5, 25 and 50 V/m) produced highly malignant tumors of the brain and heart in Sprague-Dawley rats. All of the exposures used were below FCC limits. These findings were consistent with those of the 10-year \$25 million NTP study which assessed cell phone radiation.

<https://ehtrust.org/science/cell-towers-and-cell-antennae/compilation-of-research-studies-on-cell-tower-radiation-and-health/>

January 10, 2019: U.S. – U.S. Court of Appeal sided with the FCC

Which means that citizens cannot prevent installation of 5G cell bases outside their homes. 5G technology relies primarily on the bandwidth of the millimeter wave (MMW), which is primarily between 30 and 300GHz, known to penetrate one to two millimeters of human skin tissue. MMW has been linked to a number of potential health problems, including eye damage, impacted heart rate variability (an indicator of stress), arrhythmias, pain, suppressed immune function, and depressed growth and increased antibiotic resistance in bacteria.

<https://articles.mercola.com/sites/articles/archive/2019/04/16/cell-tower-emf-radiation.aspx>

February, 2019: Global – Beware of 4G phones: LTE and WiMAX

They enable users to stream rich media content on their Smart phones and tablets but use more bandwidth than 2G or 3G networks, which causes more radiation.

Plus 4G needs more high-power towers built and networked together, which is believed to emit much more radiation than before, which could cause severe health issues at a later time.

<http://mobiledevices.about.com/od/carrierfaq/a/3g-Vs-4g-Mobile-Networks-The-Health-Factor.htm>

March 13, 2019: U.S. – Fourth child at one school gets cancer

Parents are concerned as fourth child is diagnosed with cancer while attending a Ripon, California school with cell phone tower on campus.

www.newsweek.com/can-cell-phone-tower-cause-cancer-children-1362314

April 2, 2019: U.S. – Parents demand removal of cell tower due to cancers

Parents demand removal of cell tower from Ripon, San Joaquin, CA elementary school after four students and three teachers develop cancer. Parents threatened to pull their children from the school unless the tower is removed. The district receives \$2,000 a month from Sprint, the tower's operator.

<https://naturallyhealthynews.com/articles/cell-tower-is-blamed-for-sudden-increase-in-schools-cancer-cases/>

April 11, 2019: Bangladesh – High court orders removal of cell phone towers

In its 11-point directive, India's High Court directed telecom companies not to install any mobile phone towers on rooftops of residences, schools, colleges, playing fields, populated areas and heritage areas. Those installed earlier in such areas should be removed.

www.theindependentbd.com/post/197155?fbclid=IwAR2ZBBYi6KRpjIO-uWF5ul4knxHZfk9gCAYMdA7WzluirBdeK4EXd9cxq5M

May 7, 2019: Canada – Britain's "Tower of Doom" scare now threatens communities in Canada

The City of Toronto's Gardiner Expressway has recently seen a series of looming cell phone towers which have been erected without warning to local downtown workers and nearby residents. There is also another tower at Finch and Victoria Park about seven metres from apartment building windows that is virtually identical to the Orange Phone Company tower that has become infamous for reports of accompanying cancer ailments by residents

innuendoes for reports of accompanying cancer ailments by residents.
www.agoracosmopolitan.com/home/Frontpage/2008/02/01/02182.html

July 23, 2019: Canada – City says no to proposed cell tower

The City of Pitt Meadows, in southwestern British Columbia, has a population of less than 20,000 people, but its mayor and council rejected Rogers Communications' proposed 120 foot cell phone tower.

http://pittmeadows.ca.granicus.com/MediaPlayer.php?view_id=2&clip_id=1024

Oct. 16, 2019 – USA - Over 250,000 cell tower workers burned or “nuked” by cell towers every year

So say insurance companies. Thousands of studies confirm that these towers – which have a range of about 25 miles – are not safe. Mainstream news media remains silent. The public are not being told the truth. Some evil authority is bent on killing us off!

<https://youtu.be/MIXmZtl--4U>

Chapter 13: Wi-Fi

School children and Wi-Fi

Children typically are exposed to 12,960 hours of invisible, silent, odorless and tasteless pulsed non-thermal Wi-Fi radiation in school – before they reach college. (six hours a day, five days a week, for about 36 weeks a year, for about 12 years.)

“Overpowered” pp218, Martin Blank, PhD.



1999: The Wi-Fi Alliance

The Alliance is a “global non-profit organization with the goal of driving adoption of high-speed wireless local area networking.” It consists of 500 companies and is sponsored by T-Mobile, Texas Instruments, Sony, Samsung, Qualcomm, Nokia, Motorola, Microsoft, LG, Intel, Huawei, Dell, Comcast, Cisco, Broadcom, and Apple.

<http://www.magdahavas.com/subversion-of-science-royal-society-of-canada-panel-with-conflict-of-interest-to-review-safety-code-6/>

1999: Industry can dupe governments, but insurance companies know the truth

Timeline of the industry's efforts to dupe governments of Wi-Fi radiation and insurance

LLOYD S OF LONDON understands the dangers of WI-FI radiation and refuses to insure mobile manufacturers against risks to user's health.

NaturalHealth365 Scientific Solutions.

2000: Europe – Telco's own studies show RF radiation leads to cancers

European telecom giant T-Mobile commissioned the German ECOLOG Institute to review all available scientific evidence in regard to health risks for wireless telecommunications. The review found over 220 peer-reviewed, published papers documenting the cancer-initiating and cancer-promoting effects of the high frequency radiation employed by wireless technology.

<http://www.rense.com/general78/rad.htm>

2003: Switzerland – Swisscom admits the danger – but does nothing about it

Swisscom, the leading telecom provider in Switzerland, reveals the true danger of Wi-Fi in a patent application. It devised a way to reduce the microwave radiation from Wi-Fi LANs. In its patent application, Swisscom clearly states the elevated risk of cancer and genetic damage from the constant low level RF/microwave exposure from Wi-Fi.

www.safeschool.ca/Swisscom_WiFi_Harms.html

2007: Industry's "best-ever" salesman: Dr. Michael Repacholi

On leaving the WHO, ICNIRP'S chairman emeritus, became a roving ambassador for industry, promoting wireless devices to children and schools.

<http://inthesenewtimes.com/2011/03/06/repacholi-admits-interference-from-the-industry-at-the-who-emf-project/>

September, 2007: Germany – Government warns citizens to avoid Wi-Fi

The German government issued a warning to citizens to avoid using Wi-Fi in the workplace or at home, suggesting cabled connections instead.

www.arizonaadvancedmedicine.com/articles/2013/june/electrosmog/

www.emrstop.org/index.php?option=com_content&view=category&id=6:emfemr-information&layout=blog&Itemid=36

2009: European Countries – Demanding Wi-Fi in

2008: European Countries – Dismantling Wi-Fi in schools

In the past two years alone Switzerland, France, Germany, Belgium and England have begun removing Wi-Fi from schools and public libraries other countries are pressing to do same.

www.msnbc.msn.com/id/34509513/ns/health-cancer/t/electrosmog-harming-our-health/#.UPnBRR2rnTp

Doctors/scientists call for moratorium or stricter guidelines on all Wi-Fi devices

- Seletun Consensus Statement 2010
- Copenhagen Resolution 2010
- International Appeal of Würzburg 2010
- Dutch Appeal 2009
- EMF Resolution 2009
- Porto Alegre Resolution 2009
- European Parliament
- Paris Appeal 2009
- London Resolution 2009
- Venice Resolution 2008
- Berlin Appeal 2008
- Brussels Appeal 2007

www.cellphonetaskforce.org/?page_id=128

2010: Wi-Fi in schools

“The dangers of Wi-Fi come from the fact that it’s always on – pulsing away, sending out microwave carrier signals 24 hours a day even if no one is online. The computers don’t even need to be turned on - it’s coming from the schools’ transmitters situated on the ceilings”.

www.magdahavas.com/wifi-in-schools-and-health-effects/

June, 2011: Council of Europe – Calls for ban of Wi-Fi and cell phones in all schools

Representing 47 countries and 800 million people, a committee of the Council called for a ban of cell phones and Wi-Fi in all schools. Immediate action is

required to protect children. It's crucial to avoid repeating mistakes concerning the dangers of asbestos, tobacco and lead.

<http://articles.mercola.com/sites/articles/archive/2011/06/02/european-leaders-call-for-ban-of-cell-phones-and-wifi-in-schools.aspx>

2011: Canada – Children are perilously overexposed to EMR

In Ontario's Simcoe County, children in at least 14 schools have become ill since the schools installed Wi-Fi, beginning in 2006, with symptoms of speeding heart rate, fatigue and headaches. Two children have had cardiac arrests and are on heart medication. Now every school in Simcoe County has its own defibrillator, as though teenage heart attacks are normal.

www.policyalternatives.ca/publications/monitor/jumping-wireless-bandwagon

February 2012: Canada – Teachers call to ban Wi-Fi in Ontario schools

Ontario's English Catholic Teacher's Assn. (45,000 teachers) wants to ban new Wi-Fi installations in the province's 1,400-plus Catholic schools and wants computers in all new schools to be hard-wired.

www.cbc.ca/news/canada/toronto/story/2012/02/13/toronto-oecta-wifi.html

2012: France – “Concrete evidence that Wi-Fi and cell phones cause cancer”

Dr. Annie Sasco, MD, MPH, MS, PhD, former 22-year IARC veteran, including nine years as Group Leader, then Unit Chief of Epidemiology for Cancer Prevention said: “Despite the voices of industry-funded scientists saying otherwise, there is concrete evidence that mobiles/cell phones and Wi-Fi cause cancer in humans.”

www.youtube.com/watch?v=2JyAIO_UdSk

2012: Wi-Fi in Schools – Children's charity UNICEF's own research found:

- 85% increase in central nervous system disorders (i.e. the brain, heart, etc.),
- 36% increase in epilepsy,

- 11% increase in psychiatric problems,
- 82% increase in blood/immune disorders in children and risk to the fetus.

www.cso.ie/en/newsandevents/pressreleases/2012pressreleases/statisticalyearbookofireland2012/

June 19, 2012: Russia – Officially recommends Wi-Fi not be in schools

The Russian National Committee on Non-Ionizing Radiation Protection (RNCNIRP) has officially recommended that Wi-Fi not be used in schools.

<http://youtu.be/5CemiJ-yIA4>.

October 2012: U.S. – The American Academy of Environmental Medicine (AAEM) also said NO to Wi-Fi in schools

Representing 60,000 pediatricians, the AAEM issued a public warning: evidence clearly exists that EMR is harmful; don't use Wi-Fi in schools.

<http://aaemonline.org/images/LettertoLAUSD.pdf>

Only safe technologies should be used in schools

- The Austrian Medical Association,
- The Russian National Commission on Non-Ionizing Radiation Protection,
- The American Academy of Environmental Medicine,
- International Society of Doctors for the Environment,
- Irish Doctors Environmental Association,
- Germany's Interdisciplinary Society for Environmental Medicine,
- See two-page list of world-class scientists globally who oppose the use of wireless technology, especially by children in schools.

<http://wifiinschools.org.uk/resources/safeschools2012.pdf>

2013: Belgium – Wi-Fi and cell phones are not safe

If they are so safe, why has Didier Bellens, who runs Belgium's largest telecommunications company, banned them from his offices?

www.naturalnews.com/038702_cell_phone_radiation_dangers_Belgium.html#ixzz2Uzyu8CHh

March, 2013: U.S. – Teachers' union against Wi-Fi in

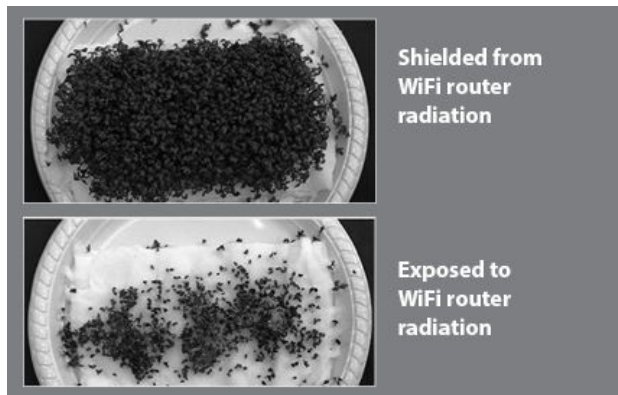
schools

In Los Angeles, California, a teachers' union adopted a resolution to ensure safety from hazardous EMF in schools including emissions from Wi-Fi technology.

www.facebook.com/SaferEMR

May, 2013: Denmark – Wi-Fi router radiation prevents cress seeds from growing

A grade nine student from Denmark performed a 12-day experiment, exposing one sample of cress seeds to the RF radiation from a Wi-Fi router, while shielding the other sample from the Wi-Fi RF radiation.



www.activistpost.com/2016/01/cell-tower-radiation-prevents-garden-cress-seed-germination-in-danish-experiment.html

2014: New Zealand – Wi-Fi kills boy

See the very sad story of a 10-year-old who died of brain tumors after 15 months of high Wi-Fi exposure, perhaps the first death clearly linked with Wi-Fi.

www.naturalnews.com/043542_Wi-Fi_EMF_radiation_New_Zealand_boy.html

2014: U.S. – Open letter to U.S. President Obama – concern for children's brains and bodies

Dr. Devra Davis, PhD, Nobel-co-Laureate, wrote President Obama urging him to endorse fiber optic cable instead of Wi-Fi in schools and communities as countries such as Korea, Latvia, Romania, Bulgaria and the Czech Republic have done. “Stop this insane experiment.”

www.jhnewsandguide.com/opinion/guest_shot/let-s-not-be-clueless-about-wireless/article_2da337b3-f082-

5168-a372-5d6edd43fd0d.html

Wireless keyboards

Newer keyboards use the same frequency that microwave ovens use to cook food and heat liquids: 2.4GHz. But keyboards emit PULSED radiation which is more dangerous than a microwave oven's continuous wave. Typical keyboards have an output power of 4.5V/13mA and a range of 30 meters – in ALL directions.

www.logitech.com/images/pdf/emea_business/2.4ghz_white_paper.pdf

2014: U.S. – Alzheimer's deaths show a shocking 55% increase in 15 years

The CDC's Morbidity and Mortality Weekly Report reveals that between 1999 and 2014, the death rate from Alzheimer's increased by 55% — a rather radical increase in a mere 15 years.

<https://articles.mercola.com/sites/articles/archive/2017/06/15/us-alzheimers-disease-deaths-increase.aspx>

2014: Ghent, Belgium – Bans Wi-Fi from pre-schools and daycare

Ghent is Belgium's fourth largest city.

www.flanderstoday.eu/education/ghent-bans-Wi-Fi-pre-schools-and-day-care

2014: Russia – Li-Fi not Wi-Fi

Russian Li-Fi system uses light beam to transmit wireless data faster than Wi-Fi in office, school, or home.

- It poses no radiation dangers,
- It poses no eavesdropping vulnerability, and
- It is not affected by external EMFs.

<http://educate-yourself.org/cn/russianLiFiuseslight30jun14.shtml>

http://rbth.com/science_and_tech/2014/06/30/russian_firms_li-fi_internet_solution_winning_foreign_client_37805.html

2014: U.S. – FCC's guidelines 30 years out of date

The U.S. government's own Department of the Interior said this because the FCC guidelines, as far as EMR/EMF standards are concerned, are based solely on thermal heating

on internal health.

www.stopglobalwifi.org/

2015: France – French government bans Wi-Fi in kindergarten schools nationally

www.francesfox.com/france-bans-wifi-school/

February, 2015: Global – Insurance companies don't mince words

School districts/boards/medical health officers now know Lloyd's of London will not provide liability coverage for injuries, "directly or indirectly arising out of, resulting from or contributed to by EMFs, EMR, radio waves or noise." This applies to Wi-Fi and all wireless devices in schools.

<http://thebridgenewsservice.com/2015/02/26/school-boards-left-on-the-hook-for-Wi-Fi-injuries/>

September, 2015: Italy – Calls for the Precautionary Principle

At the same time, both Italy and Israel officially recommend schools reduce children's exposure to wireless radiation.

<http://memoryholeblog.com/2015/09/23/israel-bans-wifi-in-kindergarten-calls-to-limit-childrens-exposure/>

February, 2017: Iceland – International Conference on Screen Time and Wireless Radiation

Attending what was called the "Reykjavik Appeal" were 138 scientists, researchers, educators and concerned citizens from 26 countries. The conference concluded by issuing the following statement: "All school authorities in the world are asked to educate themselves about the dangers of wireless and use only wired technology in schools."

www.stralskyddsstiftelsen.se/wp-content/uploads/2017/03/Reykjavik-Appeal-170224-2.pdf

2017: Cyprus – Bans Wi-Fi from kindergartens and removes it from elementary schools

Directive of the Minister of Culture and Education to ban Wi-Fi from kindergartens, remove Wi-Fi from elementary classrooms and halt deployment.

<https://ehitrust.org/wp-content/uploads/CYPRUSPDF-Wireless-in-School-Letter.pdf>

2018: Global Wi-Fi from space – portends the end of

2018: Global WiFi from space portends the end of life on Earth

The five companies planning it by 2020 are:

1. SpaceX: 4000 satellites, 750 miles high. (See below for thousands more satellites.)

<http://222.spacex.com/>

2. OneWeb: 648 satellites, 500-590 miles high.

www.oneweb.world/

3. Facebook: satellites, drones, and lasers.

<http://thenextweb.com/facebook/2014/03/27/facebooks-connectivity-lab-looking-drones-satellites-lasers-provide-internet-access/>

4. Google: 200,000 high altitude balloons (62,500 feet) (“Project Loon”).

www.google.com/loon/

5. Outernet: low-orbit microsatellites.

www.outernet.is/en/

AUTHOR’S COMMENT: *Washington State University’s world-respected professor emeritus, Martin T. Pall, PhD told the California legislature in 2018 that “4G technology will essentially bring about the demise of mankind; 5G technology will simply expedite it.” Clearly ego and greed know no boundaries and have no conscience.*

March, 2018: U.S. – The FCC, in its ignorance, plays God

It approved Elon Musk’s SpaceX plan to launch 4,425 broadband (low-Earth orbit) satellites. SpaceX network, known as “Starlink”, plans to begin launches in 2019, completing them in 2024. It plans full-time broadband coverage to the entire planet. Is also proposing an additional 7,500 satellites operating even closer to the ground.

<https://techcrunch.com/2018/03/29/fcc-approves-spacex-plan-for-4425-satellite-broadband-network/>

April, 2018: U.S. – Wirelessly re-charge one or more cell phones simultaneously

The product description makes it all sound so natural and completely benign, all the while making no mention of the fact that people are adding yet more microwave radiation to their invisible but ever-thickening potpourri of hazardous electro-smog!

<https://tinyurl.com/y64scxfk>

The FCC approved 900 MHz (Energous Corp.)

Energous receives FCC certification for its near field wireless charging transmitter running at 900 MHz.

AUTHOR'S COMMENT: *900 MHz is known by militaries of the world to be one of the most dangerous frequencies known to man, as it (the radiation) penetrates all organ systems of the body.*

See Chapter 9, entry "1994"

<https://ir.energous.com/press-releases/detail/610/energous-receives-fcc-certification-for-its-near-field>

August, 2018: Li-Fi instead of Wi-Fi

LED bulbs to provide broadband internet connection through light waves:

- Highly secure,
- Much faster,
- Eliminates interference,
- Harmless.

www.scmp.com/lifestyle/interiors-living/article/2160615/fed-wi-fi-li-fi-technology-turns-light-bulbs-smart

October, 2018: North America – Organizations trying to alert schools to the insidious health hazards of industrial strength Wi-Fi routers include:

- Center For Safer Wireless,
- Center For Electrosmog Prevention,
- Citizens for Safe Technology,
- Clear Light Ventures,
- Dr. Madga Havas,
- Dr. Sam Milham,
- EMF Safety Network,
- Environmental Health Trust,
- Generation Zapped,
- National Association for Children and Safe Technology,
- Parents for Safe Technology,

- SaferEMR,
- SafeTechForSchools,
- Scientists for Wired Tech,
- We Are The Evidence,
- Physicians for Safe Technology.

www.activistpost.com/2018/10/schools-warned-symptoms-wifi-routers.html

January 28, 2019: Italy – Florence court ordered the immediate shutdown of Wi-Fi in a school to protect the health of a minor

The order was issued to the school manager of the Botticelli Comprehensive Institute.

The court ordered the government (Ministries of the Environment and Education) to launch a campaign to advise the public of the health risks from mobile and cordless phones.

www.ilfattoquotidiano.it/2019/01/16/cellulari-tar-del-lazio-obbliga-i-ministeri-a-fare-informazione-su-rischi-connessi-al-loro-uso-campagna-entro-6-mesi/4901357/

www.emfsa.co.za/ehs/court-ordered-to-turn-off-Wi-Fi-at-a-school-in-florence/

AUTHOR'S COMMENT: *Why has this never happened in Canada or the U.S.?*

June 21, 2019: U.S. – Beware of Wi-Fi routers

CBC radio reported: “Your Wi-Fi router could be used to watch you breathe and monitor your heartbeat. Scientists from MIT have developed technology that can see through walls to track a person’s movements.”

<https://tinyurl.com/y5kkz73c>

June 24, 2019: Cyprus – Hospital acts to protect children

The Archbishop Makarios III Hospital in the Republic of Cyprus (which is part of the European Union) has launched a project to minimize cell phone and wireless radiation exposure to pediatric patients.

- Wi-Fi is disabled and replaced with ethernet connection in the Pediatric Intensive Care Unit and Neonatal unit.

- Parents are educated to keep cell phones away from children and out of the pediatric units.

<https://ehtrust.org/hospital-launches-initiative-to-reduce-wireless-radiation-exposures-to-children/>

August 7, 2019: U.S. – First bill in the U.S. intended to protect the health of children

SB 283 requires the Oregon Health Authority to review effects of exposure to microwave radiation in schools, and to develop recommendations for practices and alternatives that eliminate students' exposures, no later than September 15, 2020.

<https://olis.leg.state.or.us/liz/2019R1/Downloads/CommitteeMeetingDocument/203403>

Chapter 14: Smart meters

December, 2007: U.S. – President George W. Bush’s Energy Independence and Security Act

Lobbyists co-wrote the legislation which contains defacto mandate for national implementation of the Smart grid including its design, surveillance, tiered energy pricing, energy rationing through round-the-clock monitoring of Smart appliances.

www.globalresearch.ca/media-blackout-on-the-u-s-smart-grid-deployment-designs-and-monied-interests-behind-smart-meters-installed-across-america/5432392

AUTHOR’S COMMENT: Tragically for mankind, most if not all western nations have seen fit to follow America’s lead.

ZigBee Radio – 2.4 GHz controls and talks back and forth to over a dozen pulsing RF appliances



April 28, 2010: Canada – British Columbia follows America’s lead

On this date, BC Premier Gordon Campbell introduced Bill C-17, the Clean Energy Act, which mandated smart meters be placed on every home and dwelling in the province. While it did not stipulate a technology to be used, the BC government never discouraged electric power utilities from using hazardous

wireless technology, even when, in 2011, the WHO classified wireless EMR a Class 2B (“possible”) human carcinogen. See disconcerting video:

<https://youtu.be/aOabFJlenz4>

https://archive.news.gov.bc.ca/releases/news_releases_2009-2013/2010PREM0090-000483.htm

Technology options available for Smart meters

Wireless Smart meters are the quintessential Trojan Horse, in that they surreptitiously invade a home, depriving occupants of their intimacy and privacy, while stealing its secrets – which utilities have been accused of selling to third parties. The technologies available to connect and utilize Smart meters include:

1. Fiber optic cable – easily the safest, fastest and most secure. Although the initial installation costs would be higher, there would be no need for ongoing expensive software upgrades. Japan has chosen this option.
2. PLC or power line carrier – relatively inexpensive but lacks security (i.e., it can be hacked) and generates “dirty electricity” throughout the entire home. It is the preferred option in Europe. It entails sending the customer’s electrical consumption data to the utility via existing telephone/hydro lines.

www.landisgyr.com/webfoo/wp-content/uploads/2012/11/LG_White_Paper_PLC.pdf

3. Wireless radio – from the utility’s perspective, wireless definitely is the least expensive and preferred option. But from an unsuspecting consumers’ perspective, it is fraught with danger and disadvantages: it bathes all occupants of every home with pulsed microwave radiation - day and night - without their knowledge or consent; the system needs regular ongoing software upgrades – which can be expensive; the wireless technology is very insecure (hackable); it exposes homes to the possibility that their electrical appliances might experience damage or that the home itself might catch fire (electric utilities deny any liability whatsoever for either situation)! Consumer monthly utility bills invariably are also higher, often much higher; even outrageously higher! All Five-Eyes member nations have opted for wireless smart meters, i.e., the U.S., UK, Canada, Australia, New Zealand.

What utilities don’t tell you

- Each Smart meter contains two transmitters: 1) LAN – range three Km; and, 2) ZigBee – range 250.’
- LAN transmitters emit their pulsed non-thermal invisible, silent microwave radiation in all directions (360 degrees), i.e., each and every

LAN transmitter irradiates every occupant of every home day and night within a three Km radius.

- ZigBee transmitters' role is to control/manage the 15-or-so Smart appliances which electric utilities expect all homes will have.
- Each of the 15-or-so Smart appliances has its own ZigBee-compatible wireless microwave radio circuit, which emits (in all directions) pulsed non-thermal RF EMFs periodically throughout each and every day.
- Meshed-grid communities will vary in size from 500 to 5,000 homes.
- Each Smart appliance's transmitter will emit about 100 mW of power.
- Each meshed-grid community will also have at least one "collector" meter, which is a Smart meter with three microwave radio circuits inside: 1) the LAN – 910 MHz; 2) the ZigBee – 2.4 GHz; and, 3) the WWAN – 850/1900 MHz.
- Because a collector meter's job is to relay traffic (i.e., pulsed, non-thermal microwave radiation) – in both directions – for all homes in a meshed grid community, collector meters are active incessantly 24 hours a day, every day.
- Considering only the ZigBee and ZigBee-compatible microwave circuits, from the above it can be seen that each meshed grid community is expected to have anywhere from 7,503 microwave radio circuits (500 homes x 15 appliances + 3 in a collector meter) to 75,003 microwave transmitters (in 5,000 homes).
- When one then adds the LAN transmitter already on each home, it can be seen that meshed grid communities will have between 8,503 microwave radio circuits (on 500 homes) and 85,003 microwave radio circuits (on 5,000 homes) which are not now in a community.
- All of the incalculable amount of pulsed, non-thermal microwave radiation accruing from the above must then be added to the also incalculable amount of non-thermal power line EMFs and the pulsed non-thermal RF EMFs that already existed in the community before Smart meters were installed.

www.eheerald.com/section/news/nws201206102.html

Radiation from just one Smart meter

A single Smart appliance in the home can produce RF exposure levels that caused the biological effects found in nearly half or fewer of the 67 studies,

depending on the distance from the Smart appliance. Multiple Smart appliances in a home multiply the total exposure.

(BioInitiative Report 2012, explained by Ronald M. Powell, Ph.D. Ap. Physics, Harvard U., 1975)

A neighbour's Smart meter

A Smart meter on a neighbour's home can produce RF levels that caused the biological effects found in many of the 67 studies. A given home may have one to eight such neighbours, each with a Smart meter, multiplying the total exposure in the given home.

(BioInitiative Report 2012, explained by Ronald M. Powell, Ph.D. Ap. Physics, Harvard U., 1975)

Radiation in your home

Smart Meters and Smart Appliances operate in the same frequency ranges as cell phones. Further, Smart Meters have twice the RF power output of the typical cell phone, as shown in the table below, and will be transmitting day and night. Emerging Smart Appliances will likely have about one-fifth the RF power output of the typical cell phone. But a given home may have several Smart Appliances; and they, too, will be transmitting day and night.

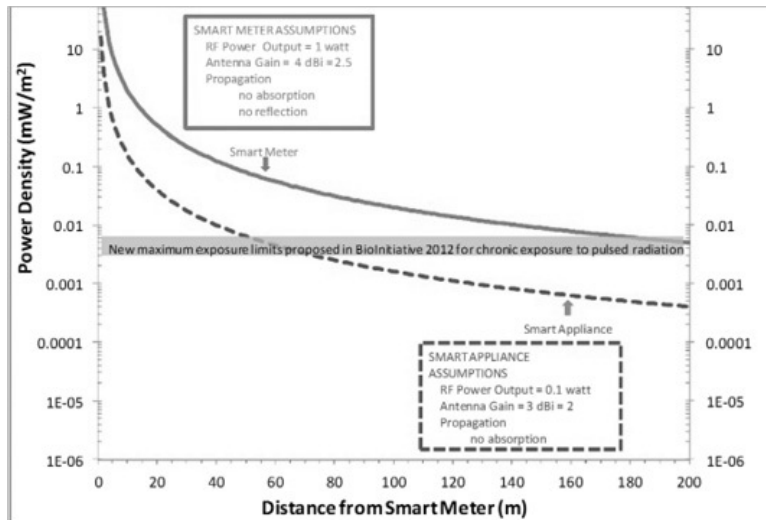
Device	RF Power Output				
Smart Meter ⁴²	1.115	watts	which is	1115	milliwatts
Typical leakage from a microwave oven ⁴³	1	watt	which is	1000	milliwatts
Typical cell phone ⁴³	0.5	watt	which is	500	milliwatts
Wireless LAN (802.11a) ⁴³	0.251	watt	which is	251	milliwatts
Wireless LAN (802.11n) ⁴³	0.250	watt	which is	250	milliwatts
Cordless phone ⁴⁴	0.230	watt	which is	230	milliwatts
Smart Appliance ⁴⁵	0.100	watt	which is	100	milliwatts
Wireless LAN (802.11 b, g) ⁴³	0.100	watt	which is	100	milliwatts
Typical laptop wireless LAN (Wi-Fi) ⁴³	0.032	watt	which is	32	milliwatts

A Final Note

The Smart Meter is the first source of RF exposure that is mandated for installation in every home in an entire region without the informed consent, or any consent, of the residents, and that is not under the control of the residents.

BioInitiative 2012 Report and was explained by Ronal M. Powell, PhD., App. Physics, Harvard U. 1975.

Radiation distances (BioInitiative 2012 Report)



Wireless Smart meters – what they can do to your home – and to your country

- Invade your home surreptitiously – robbing all occupants of their personal secrets and privacy.
- Irradiate all occupants day and night – without either their knowledge or consent – with hazardous pulsed non-thermal RF EMFs.
- Damage one or more of your electrical appliances, especially on initial installation, if done incorrectly; especially if the power is not switched off when it is being installed.
- Pose a serious fire threat to all dwellings, especially in the case of older buildings with old wiring – for which utilities historically have denied any responsibility.
- Significantly reduce a property's value.
- Render an entire nation's electric power grid defenseless.
- Pose the greatest threat ever to a nation's national security.

Switched mode power supply (SMPS) – inside every Smart meter

The function of the SMPS is to convert 220V AC to low voltage DC power, which constantly creates powerful spikes of EME and RF – “dirty” electricity

which constantly creates powerful spikes of EMF and RF -- dirty electricity -- as the meter switches back and forth rapidly from AC to DC. This gets on house wiring, couples to water and gas pipes, travels into other buildings, and travels on and radiates from power lines.

<http://eon3emfblog.net/?p=2180>

See also Dr. Sam Milham's book: "Dirty Electricity"

1974: North America – Most lethal microwave frequencies are used by Smart meters

Research conducted at Stanford Research Institute, CA, showed that experimental exposure to high levels of microwave radiation well above U.S. and Canadian guidelines killed rats within seconds to a few minutes. Of the four frequencies tested, the two most lethal were those inside every Smart meter: 0.95 GHz and 2.45 GHz.

MagdaHavas.com

1979: Canada – Health Canada's first "Safety Code 6" (1979)

- Health Canada's website says that its role is to protect the health and safety of Canada's people, but older people will remember how well "Health Canada" and its predecessor, "Health and Welfare Canada" protected the public against tobacco, asbestos, DDT, thalidomide, lead and anything else that made money for industry and governments.
- Safety Code 6 presents "guidelines" only; they are not standards. (See chapter on EMR to understand Safety Code 6's origin – and the architect.)
- Safety Code 6 protects the public only against the thermal effects on radio frequencies above 100 kHz, while deliberately ignoring the non-thermal or biological effects on all RF/Microwave frequencies!
- Safety Code 6 makes absolutely no mention of nor provides any protection against the known hazardous electric and magnetic fields produced by household electricity (50 Hz/60 Hz).

<https://magdahavas.com/health-canada-admits-safety-code-6-guideline-for-microwave-radiation-is-based-only-on-thermal-effects/>

A Smart meter's LAN frequency is more dangerous than that of a microwave oven

A Smart meter's primary frequency of 910 MHz constitutes a greater health hazard to the human brain than is 2450 MHz energy for a similar incident power density.

www.icems.eu/docs/Robert_C_Kane.pdf

AUTHOR'S COMMENT: *It is known that 910 MHz will cook food and/or boil water faster than the microwave oven frequency of 2.4 GHz.*

Radiation – Smart meter vs cell phone – who is telling the truth?

Electric utilities say: "On average, a meter transmits customer data four to six times a day, for a total average of one minute per day." California's largest utility, Pacific Gas and Electric admitted in a California court of law that meters pulse on average 14,000 times/day to a max of 190,000/day.

www.emfsafetynetwork.org/?page_id=872

California's second largest utility, San Diego Gas and Electric Company (SDGE)

SDGE responded to an Administrative Judge's enquiry that Smart meters installed by SDGE transmit messages on average 1,270 times/day and at a maximum 25,920 times/day.

www.emfsafetynetwork.org/?page_id=872

2009: Holland – Smart meters are now voluntary

Government caves in to public backlash.

http://en.wikipedia.org/wiki/Smart_meter

February 2010: U.S. – Radiation – Smart meter vs cell phone

Electric utilities say: One can stand next to a Smart meter for 20 years and receive no more radiation than from a 30-minute cell phone call.

Dr. Daniel Hirsch, PhD, U. of C. says: "Whole body radiation from a Smart meter equates to 45 to 450 times more than a cell phone – depending on one's distance from the Smart meter."

mapawatt.com/2012/02/12/are-smart-meters-safe/

September 2011: U.S. – Utility tells the truth

~~September 2011, 2011. They told the truth.~~

Silver Spring Networks also admitted that Smart meters are transmitting continuously 24/7. Even though they only upload customer data six times/day to California's Pacific Gas and Electric (PG&E), they are continuously "chatting" with each other 24/7 every few seconds in order to authenticate and keep the network synchronized.

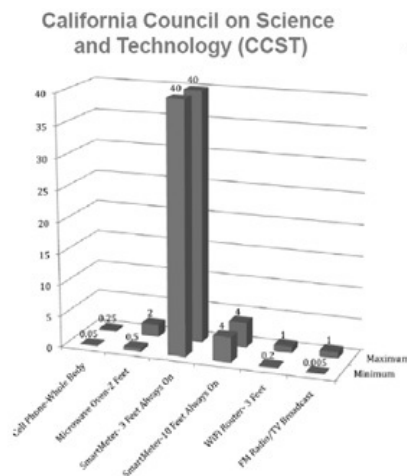
<http://stopsmartmeters.org/2011/09/15/utility-and-smart-meter-tech-company-executives-get-grilled-by-the-public/>

U.S. – Radiated power – Smart meter vs cell phone

PG&E also has admitted that a Smart meter's peak power is 2.5 Watts, which is ten times more powerful than a cell phone, and that it continuously emits a small amount of radiation even when not broadcasting.

www.cellphonetaskforce.org/?page_id=389

Smart meter exposure levels



After correcting for duty cycle and dissimilar units...

Cumulative whole body exposure of Smart Meters is two orders of magnitude higher than cell phones.

Daniel Hirsch, Comments on the Draft Report by the California Council on Science and Technology "Health Impacts of Radio Frequency from Smart Meters", January 21, 2011.

Where industry wants to take us - via ZigBee



www.appliancedesign.com/articles/93524-smart-grid-connecting

November, 2011: U.S. – Doctors call for moratorium on Smart meters, blast FCC guidelines

The AAEM, a national organization of medical and osteopathic physicians, called on CPUC for moratorium on Smart meters in homes and schools, because FCC “safety” guidelines only look at thermal tissue damage and are obsolete ... effects accumulate over time, which is an important consideration given the chronic nature of Smart meter radiation.

www.globalresearch.ca/looming-health-crisis-wireless-technology-and-the-toxification-of-america/31816

2012: U.S. – CIA Director confirmed Smart meters will be used as spy devices

Then CIA Director David Petraeus confirmed that governments can and will use wireless Smart appliances as spy devices. Smart meters will track more private information than the GPS devices in our cars—and the U.S. Supreme Court recently declared that GPS tracking required a warrant.

www.change.org/petitions/we-say-no-to-wireless-smart-meters-in-the-state-of-maryland

2012: Brazil – Customers must request a Smart meter

“Brazilians use five times less power than the U.S., and Smart meters here are twice as expensive,” Hernandes said: “This equation didn’t match.”

www.bloomberg.com/news/2013-01-02/power-meter-shift-to-cut-10-billion-brazil-market-by-50-.html

2012: Internationally – Health experts from 20 countries caution about Smart meter risks

Fifty-four experts from 20 countries, including Yury Grigoriev, Chair of the

Russian National Committee on Non-Ionizing Radiation Protection, say that children may particularly be at risk of developing EHS or diseases such as cancer from over-exposure to radio frequency microwave emitted by Smart meters and other wireless devices.

www.newswire.ca/en/story/1041159/health-experts-from-20-countries-caution-about-smart-meter-risks

2012: U.S. – America’s fastest fiber optic Smart grid

Chattanooga, Tennessee’s community-owned Electric Power Board (EPB) installed a 100% fiber optic network for Smart grid applications in addition to the triple-play media services (i.e., high speed internet, video and telephone) EPB already provides.

www.electricenergyonline.com/show_article.php?mag=&article=550

April, 2012: U.S. – Doctors say non-thermal effects are harmful; government and industry are wrong

The AAEM formally stated that government and industry arguments alleging the doubtful nature of the science on non-thermal effects of RF were not defensible. Newest studies show genetic damage, reproductive defects, cancer, neurological degeneration and nervous system dysfunction, immune system dysfunction, etc.

www.globalresearch.ca/looming-health-crisis-wireless-technology-and-the-toxification-of-america/31816

October 5, 2012: U.S. – Safety – fires – culpability

Written by the EnergyFix: “Underwriters Laboratory has recently been engaged to do safety testing on these Smart meters by some utilities. While presently there is not a specific meter safety test protocol by UL, they are modelling these tests after the electric vehicle charging specification (UL 2735). Testing starts after houses burned down. They admit they don’t have a safety test for the meters.”

<http://bcfreedom.wordpress.com/2012/10/10/smoking-gun-did-utilities-and-meter-makers-admit-responsibility-for-fires>

December, 2012: U.S. – Smart meters are an unethical experiment

Dr. Eilhu Richter, MD, an associate professor at Hebrew University-Hadassah, has said, “Were these population-wide exposures to Smart meters to be a part of a project carried out in a medical setting, to test the risks and benefits of a new technology on human health and well-being, it would be rejected ... as an

unethical exercise in human experimentation.”

www.wnd.com/2012/12/health-hazards-linked-to-utility-meters/

December, 2012: Smart TVs can be peeping toms

New Samsung LED HDTVs “will now include built-in, internally wired HD cameras, face tracking and speech recognition capabilities, and twin microphones. In the 2012 8000-series plasmas, the cameras and microphones are built directly into the screen bezel. The 7500 – 8000ES-series TV’s, however, will have the cameras permanently attached to the top of the set.”

<http://smartmeterharm.files.wordpress.com/2012/12/1-smart-meter-problems-dec-2012-final.pdf>

Beware of a Smart TV

If your TV has a webcam and is connected to the internet, a hacker can use your webcam to find out whether you have anything worth stealing in your home or when you are most likely to be gone for long periods of time. Even without a webcam, you need to understand that everything you do is being tracked by the company providing you with the content.

www.yoursecurityresource.com/security/feature/emerging_threats/what_is_a_smart_tv/index.html#Uxz4Bz

2013: U.S. – Smart meters devastate our central nervous system

“The Smart meter is number one in terms of devastation to our nervous system. It permanently destroys and alters the manufacture of brain proteins ... meaning that it completely changes the human organism – permanently.”

Dr. Dietrich Klinghardt, MD, PhD.

Fiction vs fact

Fiction: Electric utilities say: Smart meters will help keep rates lower ... and lower meter reading costs.

Facts: CBC Survey of Toronto found:

- Monthly bills doubled, tripled and even quadrupled.
- >80% customers experienced higher bills.
- Analogue meters cost \$50 and last 30-50 years.
- Smart meters cost <\$500+ and last five to seven years
- Smart meters have caused countless fires.

- Electric utilities refuse to accept any financial responsibility for Smart meter-attributed fires.

<http://smartgridawareness.org/2015/10/29/smart-meters-have-life-of-5-to-7-years/>

2013: Germany – Rejects Smart meters

The German Federal Ministry of Economics retained Ernst and Young, a widely respected accounting firm, to evaluate the economics of a full Smart meter rollout. Its conclusion: “Smart meters are not in the interest of German consumers. The savings don’t justify the costs – particularly for residential customers.”

www.examiner.com/article/germany-rejects-smart-meters-based-on-economics

2013: Austria – Rolls back Smart meters; now allows opt-out

The government has now decided that customers can opt out – Smart meters are no longer to be mandatory. The concerns in the German-speaking world partly revolve around privacy, with Smart meters considered something easily hacked and a way of spying on consumers.

www.renewablesinternational.net/smart-meter-rollout-in-europe-rollback-in-austria/150/537/72823/

2013: China – Chooses fiber optic cable – rejects wireless Smart meters

China’s larger state-run utility has begun testing Smart grid technology using fiber-optic cable that can be run inside electric power cables without interference that could eventually be deployed nationwide to deliver electricity, high-speed internet, TV, and telephony to the farthest reaches of the country.

www.technologyreview.com/news/510171/china-tests-a-small-smart-electric-grid/

February, 6, 2013: U.S. – Smart appliances

Pike Research announced the results of their latest Smart appliances study, which found that they will grow from \$613 million in 2012 to \$34.9 billion annually in 2020.

www.pikeresearch.com/newsroom/smart-appliance-market-to-reach-nearly-35-billion-annually-by-2020

February 21, 2013: U.S. – City becomes 15th California government to ban Smart meter

installations

The Sebastopol City Council voted unanimously to adopt an ordinance banning Smart meter deployment in the city and impose a \$500 fine for violations. Sebastopol became the 15th California government to adopt an ordinance. The city council also approved a resolution directed at the California Public Utilities Commission. The city had previously requested a moratorium as well as health and safety studies, but PG&E began installing Smart meters and antennas anyway.

<https://smartmeterharm.org/2013/02/22/sebastopol-city-council-bans-smart-meter-installations/>

May 2013: Italy – Banned Smart meters

Italy completely banned wireless Smart meters entirely. This news was also censored from the U.S. news media. Why?

www.cpflorida.com/2013/05/09/harvard-medical-doctor-warns-against-smart-meters/

July, 2013: Canada – Opposition to Smart meters in British Columbia

- Sixty municipalities in British Columbia,
- Union of BC Municipalities wants a moratorium,
- Osoyoos Indian Band refuses to allow them on their land (press release June 2013),
- However, BC's Utilities Commission approved Fortis BC's Smart meters – with what is feared will be extortionist opt-out fees (07/23/2013).

July, 2013: U.S. – Opposition to Smart meters

The following states have either banned Smart meters, have pending legislation against them, or have offered customers the opportunity to opt out, some for health concerns, others over privacy issues: California, Connecticut, Florida, Georgia, Hawaii, Louisiana, Maine, Maryland, Michigan, Nevada, Oregon, Pennsylvania, Texas and Vermont.

<http://kfor.com/2013/07/23/customers-says-oge-smart-meters-making-them-sick/>

2014: U.S. – Town bans Smart meters

Fairfax town council (California) declares Smart meters are a deception ... a poor investment of rate payers' money ... have potential health effects that have

not been fully studied ... and the impact to privacy has not been dealt with effectively by the California Public Utilities Commission.

www.marini.com/marinnews/ci_25108556/fairfax-town-council-approves-three-year-ban-smartmeters

2014: Europe – Uses Smart meters with power line carrier – not wireless Smart meters

Primarily because it enables them to cut off power to customers who have not paid their bills.

www.renewablesinternational.net/smart-meter-rollout-in-europe-rollback-in-austria/150/537/72823/

2014: U.S. – Smart meters provide no financial benefit to consumers

So said the attorneys general of both Illinois and Connecticut.

<https://tinyurl.com/kkrntt8>

January, 2014: Australia – State of Victoria, to review safety of Smart meters

Because 69% of public are concerned that Smart meters will impact negatively on their health, Victoria's Energy Minister will launch a full independent safety audit to determine whether Smart meters pose any health risks to the public.

www.3aw.com.au/blogs/neil-mitchell-blog/minister-signals-energy-overhaul/20140129-31m0r.lhtml

<http://stopsmartmeters.com.au/2014/01/29/minister-announces-a-safety-audit-on-smart-meters-and-health/>

February, 2014: U.S. – New England's largest utility is against Smart meters

- No rational basis for Smart meters.
- They are not a good choice for customers.
- Their costs cannot be justified.
- They are not an appropriate technology platform for grid modernization.
- Smart meter technology may soon be rendered obsolete.

www.takebackyourpower.net/news/2014/02/21/major-u-s-utility-says-no-rational-basis-for-smart-meters/

July, 2014: Canada –SaskPower ordered to remove all 105,000 Smart meters

In the province of Saskatchewan, the provincial utility was ordered to remove all 105,000 of its Smart meters, owing to unexplained fires which prompted authorities to ask why prior testing had never been undertaken.

www.takebackyourpower.net/news/2014/07/30/breaking-saskpower-ordered-remove-smart-meters-province/

August 2014: Canada – Smart meter fires and failures in B.C.

Then Energy Minister Bill Bennett and BC Hydro said there have been no Smart meter fires in B.C.

<http://tinyurl.com/kvc4bdf> (See what has happened in just the past five months.)

www.stopsmartmetersbc.com/wp-content/uploads/2014/08/TruthAboutFires-TheReport.pdf

October, 2014: U.S. – Smart meters – health effects

Neurological, cardiac, respiratory, eyes, ears, diabetes, kidney disease and movement disorders.

<http://smartgridawareness.org/2014/10/24/countering-smart-meter-industry-propaganda/>

Smart meter fires and explosions – view the evidence:

<http://youtu.be/Vn0-Xnp6ZOU>

www.buckscountycouriertimes.com/news/local/electric-meter-blamed-for-bensalem-apartment-fire/article_93cf65bb-a298-5978-a88e-464c2f4451e1.html

www.theledger.com/article/20140116/news/140119331?p=1&tc=pg#gsc.tab=0

www.stopsmartmetersbc.ca/html/?p=6705

www.stopsmartmetersbc.ca/html/wp-content/uploads/2013/02/Smart_Meter_Fires.pdf

www.stopsmartmetersbc.ca/html/?p=4988

<http://emfsafetynetwork.org/smart-meters/smart-meter-fires-and-explosions/>

Smart meters are prying eyes – respect no one's right to privacy

Utilities have digital NLM monitors which can tell when different appliances and even individual light bulbs in a home are turned on and off. They can detect what types of appliances people have and their behavioural patterns, such as routine times that nobody is at home, or embarrassing or illegal behaviour of residents.

http://en.wikipedia.org/wiki/Nonintrusive_load_monitoring

Smart meters – put home security at risk

Criminals no longer need to stake out a home or a business to monitor the

Criminals no longer need to stake out a home or a business to monitor the inhabitants' comings and goings. Now they can simply pick up wireless signals broadcast by the building's utility meters.

www.newscientist.com/article/mg21628875.300-wireless-meters-tell-snoopers-when-you-are-not-home.html

Home insurance – will Smart meters invalidate your homeowners insurance?

Better check, as Smart meters are neither Underwriters Laboratory (UL) tested nor Canadian Standards Association (CSA) approved.

<http://beforeitsnews.com/energy/2012/03/smart-meters-can-invalidate-your-homeowners-insurance-1839410.html>

August, 28, 2014: Insanity: IoT Zigbee approves 1,000th product for wireless interoperability

www.metering.com/internet-of-things-zigbee-approves-1000th-product-for-wireless-interoperability/

February 2015: U.S. – Conspiracy revealed: California's public utility commissioner and electric utility

California's public utility commissioner's private emails reveal conspiracy with state's largest utility, Pacific Gas and Electric. The commissioner complained that his electric bills doubled once a Smart meter was put on his cabin, and went on to state that some people really are harmed by the radiation.

www.takebackyourpower.net/news/2015/02/13/utility-commissioners-private-emails-reveal-conspiracy/

February, 2015: Canada – Hydro Quebec CEO and two senior executives resign

Entire towns refuse to allow Smart meters

www.torontosun.com/2015/02/03/hydro-quebec-rocked-by-resignations-amid-smart-meter-flap

November 29, 2015: Russia – EMF exposures from Smart meters etc. cause cancer

Professor Igor Belyaev, PhD, one of the world's top experts in the health effects of EMFs, said: "EMF exposures from Smart meters and other wireless devices cause cancer and drug companies reap all the profits. And industry will always find a way to deny that it is not dangerous."

and experts to say that it is not dangerous.

As keynote speaker at the 5th Paris Appeal Congress held last May at the Belgian Academy of Medicine in Brussels.

<https://maisonsaine.ca/english/microwaves-can-cause-cancer-or-be-beneficial-prof-igor-belyaev.html>

2015: Health Canada still says wireless is safe



2016: Canada – Smart meter (Itron) radiation

Sample: on average, the total of all radiation bursts per day amounts to just 2.65 seconds. But, with each burst being only 0.5 millisecond long, there would be 5,300 bursts a day, or 220.8 each hour or 3.68 each minute or one every 16 seconds of each day. Scientists have long known that it is the bursts which are particularly harmful to humans.

www.bchydro.com/content/dam/BCHydro/customer-portal/documents/accoun

May, 2018: U.S. – New Mexico says no to Smart meters

New Mexico's Public Regulation Commission says NO to Smart meters, meaning they will not be allowed in New Mexico's metropolitan areas.

https://en.wikipedia.org/wiki/Arthur_Firstenberg

July, 2018: Canada – New Brunswick's utility commission rejected Smart meters

The province of New Brunswick's utility commission rejected Smart meters because they did not make a sound business case.

www.cbc.ca/news/canada/new-brunswick/eub-denies-nb-power-request-to-deploy-smart-meters-across-

[province-1.4755023](#)

July 11, 2019: Australia – Smart meters are not so smart

- An average household of four that cannot adapt its electricity consumption faces, under time-of-use charging, increased cost of \$429 per year.
- Even if the household can move 30% of its peak electricity consumption to shoulder usage it still faces an electricity bill of \$231, or 10.2% higher than under the flat rate tariff.

<https://stopsmartmeters.com.au/2019/07/11/smart-meters-not-so-smart-for-electricity-bills/>

July 21, 2019: Global – Smart meters – fire and electrical hazards

Due to meter design and function, these digital meters can malfunction in several ways. Electric digital meters can allow surges and overvoltage to flow into buildings which can burn wiring and destroy appliances and electronics. They can interfere with arc and ground fault circuit interrupters. Meters have exploded and have caused fires, and they have likely contributed to the severity of other fires. Some of the fires have resulted in the deaths of people and their pets. Water and gas AMI/AMR/digital meters pose additional hazards. These problems are known to the industry, regulatory commissions, some fire officials, the news media, and insurance companies, and were the subject of a dispute before the National Labour Relations Board. This paper is on known problems with meters used in the U.S. and Canada, but electrical problems and fires are occurring internationally.

www.stopsmartmetersbc.com/wp-content/uploads/2019/07/Overview-Fire-and-Electrical-Hazards-from-Smart-Wireless-PLC-and-Digital-Utility-Meters-by-Nina-Beety-final-rev-July-21-2019-.pdf

July 23, 2019: North America – Smart meter fires

In Michigan, Pennsylvania, Nevada, Ontario (Canada), etc.

www.smartmetereducationnetwork.com/smart-meter-fires

Another excellent reference is: [EMF Safety Network](#).

August 3, 2019: France – Court orders removal of Smart meters for health reasons

SMART METERS FOR HEALTH REASONS

A French court has ordered the removal of the controversial Linky electricity Smart meters from 13 homes, for medical reasons.

<https://stopsmartmeters.com.au/2019/08/03/french-court-orders-the-removal-of-smart-meters-for-health-reasons/>

August 20, 2019: U.S. – Smart meter opt out policies

At least seven states allow customers to opt out. New Hampshire requires customer consent for smart meter installation. North Carolina Public Utilities Commission ruled in June 2018 to waive opt-out fees for customers with notarized doctors' notes confirming health issues relating to EMI technology. (See article for range of opt-out fees.)

www.ncsl.org/research/energy/smart-meter-opt-out-policies.aspx

Chapter 15: Power Line 50/60 Hz Electric and Magnetic Fields (EMFs)

(Correctly known as Extremely Low Frequency or “ELF EMF”s)

ELF-EMFS cause tubes to glow



www.wired.com/2008/02/1301-glowing-fl/

Non-thermal effects of power line (50 Hz/60 Hz) or extremely low frequency (ELF) EMFs

Non-industry scientists globally know that the non-thermal effects of ELF EMFs are those which the body can neither detect nor sense – but they are dangerous to humans and all living things and ever-present in anything in which electricity is flowing.

Commonly known as power line EMFs, they are produced by electrical power transmission and distribution lines, substations, power transformers, Smart meters, household wiring, household electrical appliances (e.g., hair dryers, knife sharpeners, electric razors, food blenders, vacuum cleaners, sewing machines, dishwashers, food freezers, clothes washers/dryers, hot water tanks, etc.) machinery, power tools, motorized and electric vehicles, electric bicycles, dimmer switches, fluorescent lighting, etc. – all of which cause (albeit not exclusively) and/or contribute to most of today’s disease epidemics. (Should be read in conjunction with Chapter 10, Non-Thermal Effects of Pulsed RF EMR and Safety Code 6.)

Units for measuring EMFs

- Electric field strengths are measured in volts per metre (V/m) and are readily screened (blocked) by most building materials and by trees, hedges etc. For RF/Microwave radiation, current IEEE, FCC and ICNIRP guidelines are not adequate to protect humans from harmful effects of chronic EMF exposure. Instead, it is now recommended for whole-body (in vivo experiments) or cell culture-based exposure, 33 $\mu\text{W}/\text{kg}$. This is approx. 2,400 times lower than the current ICNIRP/FCC standards, and may need to be lowered even further in the future.

<http://electromagnetichealth.org/electromagnetic-health-blog/the-seletun-statement/>

- Magnetic fields i.e., the “magnetic flux density” are produced by current, i.e., the flow of electricity; the higher the current, the higher the magnetic field. In North America, magnetic fields (flux density) are measured in units called “Gauss” and, more precisely, in thousandths of a Gauss (milliGauss), which is shown as “mG.” Virtually no common material on the market can block or protect people from magnetic fields. They are known to cause (albeit not exclusively) leukemia and many other cancers and life-threatening diseases.

AUTHOR’S COMMENT: *It is important for readers to note that there is an enormous difference between what non-industry scientists around the world say is a “safe” ambient (i.e., normal) level of magnetic field in homes, schools, hospitals, work places, public spaces, public transportation systems, etc. and what electric power utilities, health regulatory agencies and governments say is “safe.” Non-industry scientists say that magnetic fields should not be more than even one mG (as measured by a Gaussmeter); whereas, electric utilities and governments say 2,000 mG is safe. In the U.S., the chasm is even greater – there, the public can be exposed up to 9,040 mG and workers up to 27,100 mG.*

www.hydroquebec.com/fields/pdf/pop_23_01.pdf

This unconscionably high number simply enables electric utilities in western countries to save literally billions of dollars they otherwise would have to spend to buy the additional land needed for them to build their infrastructure (overhead power lines, substations, power transformers, etc.) at “safe” distances from the public (i.e., where a Gaussmeter reading at each specific location would not exceed 1mG).

Some Historical Facts

1970s: Russia – “safe” distances from power lines

Soviet government said: “750,000-volt transmission lines must be at least 100 meters from inhabited buildings”.

Currents of Death, Paul Brodeur, Pg 37

Today, informed sources say: “In the case of high-voltage transmission lines, the EMF (electric and magnetic fields) can extend to about 300 meters”.

<http://emwatch.com/power-line-emf/c->

1974: U.S. – Navy suppressed scientists’ concerns about 60 Hz EMFs

The Electromagnetic Radiation Management Advisory Council (ERMAC), a nine-member panel, was established in 1968 to advise the U.S. president of the hazards of EMFs and EMR. Their studies caused them to try to warn the U.S. president that further studies needed to be done to determine the risk to those in the U.S. exposed to 60 Hz from power lines and other 60 Hz sources.

Currents of Death by Paul Brodeur, p. 31

1977: U.S. – EMFs linked to cancer

Dr. Robert O. Becker, two-time Nobel-nominee conducted an epidemiological study which showed environmental EMFs are linked to cancer. Months earlier, Dr. Milton Zaret published a report in the same journal that also linked occupational exposure to EMFs and cancer.

www.rebprotocol.net/November2007/Marino%201998%20POWERLINE%20ELECTROMAGNETIC%20FI

1979: U.S. – Power line EMF linked to cancer in children

Dr. Nancy Wertheimer and Ed Leeper reported a two to three-fold increase in cancer deaths in children living near high current power lines in Denver, Colorado.

www.who.int/peh-emf/publications/reports/ottawa.pdf P. 205

www.feb.se/Bridlewood/HEALTH.HTM

1980: United Kingdom and U.S. – magnetic fields and depression and suicide

depression and suicide

Studies in the U.K. and the U.S. have found a correlation between them. Risk of severe depression increases 470% for people living within 100 meters (330 feet) of a HV power line.

Overpowered, p. 89, by Martin Blank, PhD

1984: Europe – WHO’s initial power line EMF exposure limits

The panel of experts was chaired by Dr. Michael Repacholi. Despite the panel’s recommendation that: “efforts be made to limit exposure, particularly for members of the general population, to levels as low as can be reasonably achieved (known as the “ALARA” principle). Dr. Repacholi historically has refused to endorse the ALARA principle for power line EMFs.

<http://microwavenews.com/news/who-welcomes-electric-utility-industry-key-emf-meeting-bars-press>

November, 1986: Italy – Second study confirmed that magnetic fields cause leukemia in children

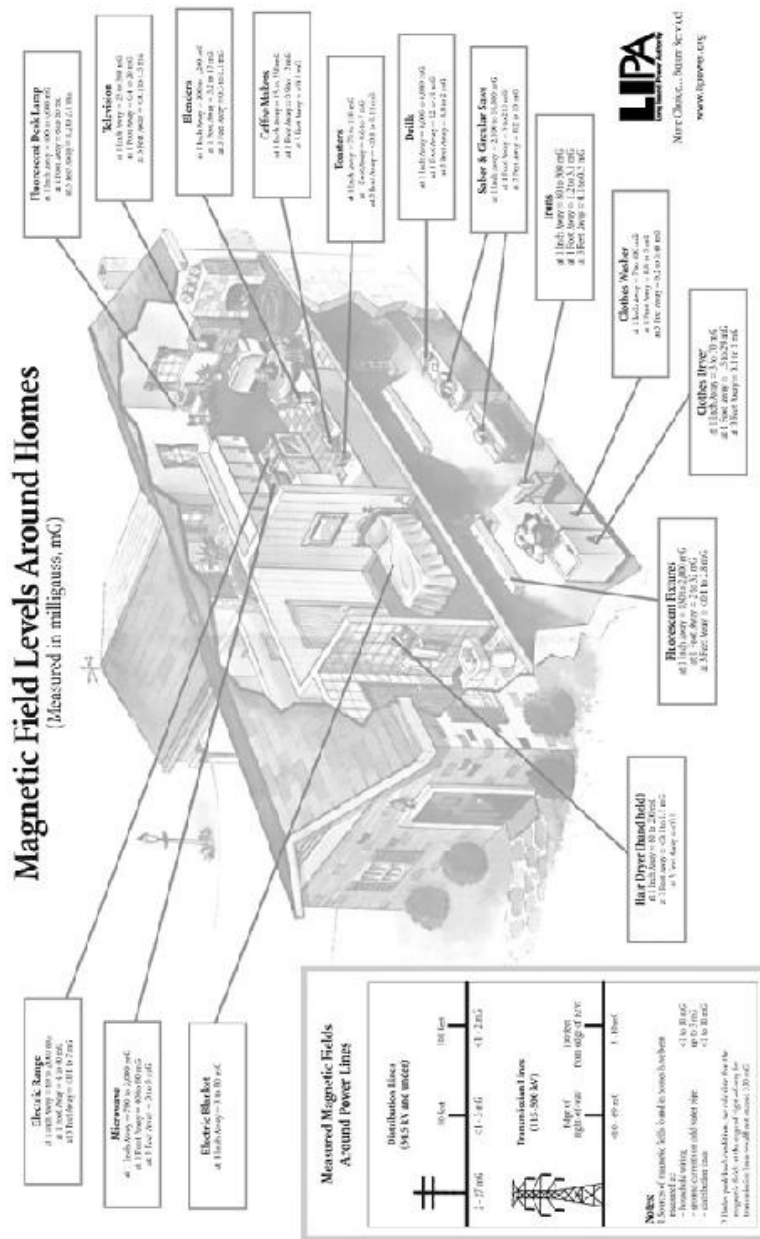
Dr. David Savitz’s study confirmed Dr. Nancy Wertheimer and Ed Leeper’s findings (of 1979) that magnetic fields of >2.5 mG increased the incidences of cancer and leukemia in children.

www.feb.se/Bridlewood/HEALTH.HTM

1987: U.S. – Magnetic fields and childhood cancers

The New York State Power Line Project said possibly 10-15% of all childhood cancer cases in the U.S. might be attributable to power frequency magnetic fields of around 2.5 mG and above.

www.powerwatch.org.uk/science/emhealth.asp



www-ehs.ucsd.edu/LBCI/LIPA_Magnetic_Field_Levels_Around_Homes.pdf (p. 2)

1987: U.S. – Electric power linked to suppression of melatonin = breast cancer

For the first time, it was hypothesized that there could be a link between electric power and breast cancer through the suppression of melatonin – caused by lack of darkness in bedroom and powerline frequency EMFs.

<https://microwavenews.com/news-center/now-it-enough>

1988: North America – Electric power utility workers

– brain tumors

Workers exposed to 60-Hz fields in electric power utilities had an incidence of brain tumors 13 times greater than that in a comparable unexposed group.

www.feb.se/Bridlewood/HEALTH.HTM

1989: Canada and France – Pulsed EMF and cancers

In one of Canada's largest provinces, Quebec, its huge electrical utility Hydro Quebec conducted a study of pulsed EMFs to determine their effect, if any, on its own workers (follow-up, 1970–1988) and France (follow-up, 1978–1989). A total 2,679 cases of cancers were found. (Hydro Quebec was furious results were published and stopped further research.)

www.researchgate.net/...EM...cancer/.../d912f50aabdf733a7d.pdf

1989: U.S. – Power lines, etc., and the attempt to cover up their threat to your health

www.amazon.ca/Currents-Death-Paul-Brodeur-1989-11-15/dp/B01FIY5N5E

AUTHOR'S COMMENT: *This is a most revealing, well-researched and well-written book.*

1990: U.S. – Male breast cancer – six times greater risk

Male telephone linemen, electricians and utility workers have a six times greater risk of developing breast cancer, according to a study by the Fred Hutchinson Cancer Research Center in Seattle.

<http://microwavenews.com/news/backissues/j-a00issue.pdf>

1990: U.S. – Electric blankets – brain tumors in children

“There is a quadrupling in the risk of brain tumors among children whose mothers slept under electric blankets during the first trimester of pregnancy.”

www.think-aboutit.com/energy/pwr_line.htm

1990: U.S. – Government's own agency says power line EMFs probably cause cancer

A leaked EPA document said power line EMFs should be classified a Category

2A (probable) carcinogen to humans.” William Farland, then-director of the EPA’s Office of Health and Environmental Assessment ordered this conclusion deleted from the report.

<http://microwavenews.com/news/backissues/j-f96issue.pdf>

1990: U.S. – Director of the EPA said the weight of evidence is overwhelming

Martin Halper said: “In all my years of looking at chemicals, I have never seen a set of epidemiological studies that remotely approached the weight of evidence that we’re seeing with ELF electromagnetic fields. Clearly there is something here.”

December 1990 Fortune magazine article

June 1991: U.S. – Increases in childhood leukemia and brain cancers

The National Cancer Institute disclosed that a study it had made showed that in recent years there had been unexplained increases of nearly 11% in childhood leukemia, and of more than 30% in childhood brain cancer.

www.emfnews.org/Power-lines-And-Cancer-Clusters-Part4.html

1992: Sweden – Study of children in Sweden who lived near power lines

Children who lived within 300 meters (985 feet) of a 220 or 400 kV power line in homes that had ambient levels of magnetic fields of:

- >1 mG had twice the incidence of leukemia,
- <2 mG had <three times incidence of leukemia,
- >3 mG had <four times incidence of leukemia.

AUTHOR’S COMMENT: *Both scientists who conducted this study, Maria Feychting and Anders Ahlbom, are known to be major champions of the electrical power industry and outspoken defenders of its thermal-effects ONLY mantra. Between them, they are two of Europe’s most influential scientists in this field and have played major roles in setting what are supposed to be “safe” exposure limits for the public.*

www.ncbi.nlm.nih.gov/pubmed/8213751

The Great Power-Line Cover-up, by Paul Brodeur, Pg 255 (Another of his excellent books)

The Great Power-Line Cover-Up, by Paul Brodeur, Pg 255 (another of his excellent books.)

1992: Sweden – Bans construction of houses within 330 feet of high-voltage lines

[www.buergerwelle.de/assets/files/power_line_emf_exposure \(Pg3\)](http://www.buergerwelle.de/assets/files/power_line_emf_exposure_(Pg3))

1992: Denmark – Study finds power lines are dangerous to children

Dr. Jorgen H. Olsen's study found children living near power lines who were exposed to four mG had a five-fold increase in the risk of childhood leukemia, lymphomas and brain tumors.

www.feb.se/Bridlewood/HEALTH.HTM

1992: U.S. – 60 Hz magnetic fields, melatonin and breast cancer

A University of Berkeley, California study showed that magnetic fields of between two and 12 mG completely eliminates the melatonin protective effect, proliferating estrogen-dependent human breast cancer cells. Since then three independent laboratories have confirmed this result: Carl Blackman at the EPA, Richard Luben at UC Riverside and Larry Anderson at Battelle P.N.L.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1600-079X.1993.tb00491.x>

<https://beatcancer.org/blog-posts/what-you-don-t-know-can-hurt-you-little-known-sources-of-emf-toxins>

1993: U.S. – Levels of magnetic field in an average American home

Nationally, approximately 1,000 residences were randomly selected for the survey, the goals of which included being able to identify all significant sources of magnetic field. The survey showed the median field was 0.5 mG, and the average field was 0.9 mG.

This confirms that the average residential magnetic fields based on the 1,000 home study is less than 1 mG.

www.bioinitiative.org/wp-content/uploads/pdfs/sec27_2007_Appendix.pdf

1993: U.S. – The book: “The Great Power Line Cover-Up”

Written by celebrated New Yorker Magazine investigative reporter Paul

Brodeur, “The Great Power Line Cover-Up” (another of his excellent books.)

Brodeur: "How the utilities and the government are trying to hide the cancer hazards posed by electromagnetic fields".

www.publishersweekly.com/978-0-316-10909-3

1993: Australia, Spain, Norway, Sweden and United Kingdom – Construction of new power lines is prohibited within 300 feet of homes because of health concerns

[www.buergerwelle.de/assets/files/power_line_emf_exposure\(pp10\)](http://www.buergerwelle.de/assets/files/power_line_emf_exposure(pp10))

1993: Global – Home and/or property owners beware

Homes and land exposed to EMFs can drop in value up to 35%. Depending on proximity to and visibility of the power lines, substation, cell towers, etc.

www.electricsense.com/4637/emfs-from-power-lines-the-facts/

<http://headwaterseconomics.org/library/files/AppraisalGroupOne;ValuationGuidelines.pdf>

March, 1994: Canada and France – Find link between leukemia and magnetic fields

Hydro Quebec, Ontario Hydro and Electricite de France found a link between magnetic fields and leukemia in utility workers. It confirmed results of a 1991 study by Genevieve Matanoski that found AT&T telephone workers with higher EMF exposure had 2.5 times rate of leukemia.

www.feb.se/Bridlewood/HEALTH.HTM

1994: Canada, France – Hydro workers exposed to highest EMFs had 12 times the number of brain tumors

This was a Hydro Quebec-funded study by Dr. Gilles Theriault et al, from McGill University. The initial analysis of the data collected from three electric utilities (Hydro Quebec, Ontario Hydro and Electricite de France) found that workers who had the greatest exposures to magnetic fields had twelve times the expected rate of astrocytomas, a type of brain tumor, based on a small number of cases.

www.emfacts.com/download/who_conflict.pdf (Page 5 of 9)

July, 1994: North America – Sewing machines and

Alzheimer's

Industrial and home sewing machines produce much larger EMFs than other appliances, and people who use sewing machines regularly have the greatest exposure of any occupation--as much as three times that of electric power line and cable workers.

http://articles.latimes.com/1994-07-31/news/mn-22049_1_occupational-exposure

1995: U.S. – Eleven U.S. experts endorse 2mg “safe” magnetic field for schools

In a draft report of the U.S. National Council on Radiation Protection, a committee of 11 U.S. EMF experts endorsed a 2 mG limit for EMF exposures at day care centers, schools and houses near new transmission lines. The EPA said, if accepted, these findings would force “complex and costly” changes to the electric power industry.

<http://lifeenergies.com/pollution-reports/emfp10/>

1996: Canada – High levels of EMFs cause 11 times rate of leukemia in workers

Utility workers exposed to high levels of magnetic and electric fields have 11 times the expected rate of leukemia, with electrical fields being the more dominant, said Dr. Tony Miller, University of Toronto.

Microwave News July/August 2001

<http://microwavenews.com/news/backissues/j-a96issue.pdf>

1998: U.S. – Magnetic fields in typical American home

Called the “1000-Person Study,” it showed that about half of all people in the U.S. have EMF exposures at home under 0.75 mG; in bed – 0.48 mG; at school – 0.60 mG; at work – 0.99 mG; and 0.87 mG is the median EMF exposure for an average 24-hour day.

www.bioinitiative.org/wp-content/uploads/pdfs/sec27_2007_Appendix.pdf

1998: U.S. – Government agency classified EMFs a “possible” human carcinogen

A National Institute on Environmental Health and Safety panel classified electromagnetic fields as a “possible” human carcinogen in the same class as chloroform, lead, carbon tetrachloride, and DDT.

2000: Global – EMF struggles globally

Compiled by Richard W. Woodley. See the battles already fought – in 20 countries ... and the lawsuits

www.feb.se/Bridlewood/WORLD.HTM

2000: Global – Magnetic fields and leukemia

Studies in various countries show that only 4-5% of the population is exposed to an average magnetic field level higher than 3 mG. and only 1-2% is exposed to higher than 4 mG.

www.tnuda.org.il/en/electromagnetic-radiation-electricity-grid-and-leukemia-children

2000: Italy – Power lines near schools, houses etc. should not exceed 2 mG

Three regions (Veneto, Emilia-Romagna, Tuscany) have imposed regulations limiting the magnetic fields of power lines being erected near schools, houses and any other places where people spend more than four hours per day to no more than 0.2 μ T (2 mG).

www.elc.uvic.ca/wordpress/wp-content/uploads/2015/01/Regulating-Power-Line-EMF-Exposure.pdf

2000: Global – Magnetic fields cause cancer cells to grow rapidly

In his book, “Cross Currents,” world-renowned scientist, Robert O. Becker, MD wrote, “... scientific evidence is absolutely conclusive: 50-60 Hz magnetic fields cause human cancer cells to permanently increase their rate of growth by as much as 1,600% and to develop more malignant characteristics.”

www.wirelessimpacts.org/science/becker.html

2000: Global – HAARP and the human brain

The ELF waves which the High Altitude Auroral Research Project (HAARP) can produce include the exact same dominant frequencies on which the human brain functions (i.e., 0 to 150 Hz). These waves have a documented effect of entraining the human brain to induce negative emotions such as anger, fear, disgust, rage, and depression.

www.newworldwar.org/weatherwar.htm

2001: United Kingdom and U.S. – Childhood leukemia is linked to electricity

In the U.K., childhood leukemia has been linked to residential electrification since the 1920s. In the U.S., rural areas developed the peak only after they received electric service.

<http://sammilham.com/Childhood%20leukemia%20age%20peak%20and%20electrification.pdf>

2001: WHO's own IARC says ELF EMFs are "possible" carcinogens

Twenty-one scientists from ten countries unanimously find both ELF electric and magnetic fields (from electrical sub-stations, power lines, house wiring, electrical appliances, etc.) are Class 2B "possible" carcinogens ... (Canada's University of Victoria's Dr. Maria Stuchly remained unconvinced. Also, the U.S.'s Dr. William Bailey, of Exponent Inc. and a key member of the ICES, and Dr. Michael Repacholi both attended as observers: Repacholi on behalf of the WHO – while also being Chairman of ICNIRP.)

Microwave News July/August 2001

www.emfwise.com/powerline.php

www.microwavenews.com

2002: Australia – Corruption

Dr. Neitzke from the ECOLOG Institute of Germany proved that the research conducted in Australia on the harmlessness of pulsing radiation was forged.

www.iddd.de/umtsno/puzen2.htm

2002: U.S. – FCC's crime against humanity

The FCC set public "safe" exposure limits for microwave radiation at levels at least 10,000 times higher than levels which, according to the EPA, were known to be causing illnesses all over the world. (Remember: FCC's five directors are politically-appointed non-scientists).

<https://stopsmartmeters.org/frequently-asked-questions/radio-frequency-radiation-issues/>

2002: Internationally – Power lines are prohibited within 300 feet of homes

Because of health concerns, Spain, Norway, Sweden, the U.K. and Australia prohibit construction of power lines within 300 feet of homes.

www.elc.uvic.ca/wordpress/wp-content/uploads/2015/01/Regulating-Power-Line-EMF-Exposure.pdf

2002: U.S. – Scientists sound alarm on household electricity

Washington State Department of Health scientists report that childhood leukemia is closely linked to household electricity – as are brain cancer, Lou Gehrig’s disease and miscarriage.

<https://emfcenter.com/what-are-emfs/>

2002: U.S. – Electric power 50/60 Hz EMFs are dangerous

The California Department of Health concluded that EMFs (including those in and around every home and occupied building) were responsible for an increase in childhood leukemia, adult brain cancer, Lou Gehrig’s disease and miscarriage. The 2002 report entitled: “An Evaluation of the Possible Risks from Electric and Magnetic Fields (EMFs) from Power Lines, Internal Wiring, Electrical Occupations and Appliances” cited the above and dozens of other epidemiological studies specifically link high voltage power lines with:

- Brain tumors,
- Leukemia,
- Birth defects,
- Lymphoma.

[www.safespaceprotection.com/news-and-info/exposure-to-power-lines-linked-to\(-cancer/](http://www.safespaceprotection.com/news-and-info/exposure-to-power-lines-linked-to(-cancer/)

March, 2003: Global – Diseases associated with residential electricity

Brain tumors, leukemia, melanoma, Alzheimer’s, ALS or Lou Gehrig’s disease, miscarriages, breast cancer, prostate cancer, heart disease, birth defects, miscarriages, stillbirths, chronic fatigue syndrome, asthma, headaches, rashes, etc.

www.electricalpollution.com/Lloyd_Morganexcerpts.html

2004: Europe – Belgium’s power line exposure limit

Since the IARC classified ELF magnetic field a possible carcinogen, more and more European countries recognize 4 mG as the critical level for planning new

more European countries recognize them as the standard for planning new dwellings near power lines.

www.who.int/peh-emf/meetings/archive/en/bangkok04_proceedings.pdf (Page 63)

2005: The sensitivity of children to electromagnetic fields

AUTHOR'S COMMENT: *Talk about the stench of corruption. The objectivity, independence and integrity of at least three of the four authors of this important report – which had implications for parents around the world – should have precluded any of them from any involvement in such an important study.)*

- *Dr. Michael Repacholi, has shown himself to be the most notoriously corrupt EMF scientist in the world.*
- *Professor Leeka Kheifets, UCLA, previously consulted and worked for the Electric Power Research Institute in the U.S. In 2003, she worked for Repacholi at the WHO as a member of his EMF project team.*
- *Also in 2003, speaking on behalf of the WHO, Repacholi and Kheifets announced that there was sufficient evidence to now apply the precautionary principle to both power line and radio frequency EMFs. But soon after, the announcement concerning precautionary approach was removed from the WHO EMF Project's site.*
- *Dr. Emilie van Deventer also worked – with Kheifets – on Repacholi's same EMF Project team.*
- *Repacholi had recruited van Deventer in 2002 to be his assistant and to succeed him as the head of WHO's International EMF Project when he retired, which she did in 2006.*

<http://microwavenews.com/news/backissues/m-a03issue.pdf>

www.ph.ucla.edu/epi/faculty/publications/Kheifets/Kheifets_Pediatrics_2005.pdf

August 2005: Global – Petition to remove Dr. Michael Repacholi from WHO EMF project

Posted on the internet, it invited anyone to sign the petition.

www.thepetitionsite.com/petitionfaqs.html

September, 2005: Global – Corrupt WHO brazenly partners with electric power industry

The infamous Dr. Michael Repacholi, who simultaneously headed up the WHO's International EMF project while also being Chairman emeritus of ICNIRP, recruited utility representatives to help him write the original draft of

the document and later asked them to review the completed draft to determine Environmental Health Criteria (EHC) for ELF EMFs. (See item “Oct., 2005,” below.)

<https://microwavenews.com/news/who-welcomes-electric-utility-industry-key-emf-meeting-bars-press>

October, 2005: Global – Electric power industry representatives invited to assist Repacholi

Included: Leeka Kheifets and Gabor Mezei - EPRI, Jack Sahl - Southern California Edison, and John Swanson - National Grid, the U.K. utility. Dr. Michael Repacholi sent a draft of the EHC out for review to: William Bailey - Exponent Inc. and a key member of the US Military-controlled ICES SC-3 and SC-4; Federation of Electric Power Companies of Japan (FEPC); Kent Jaffa - Pacificorp, U.S.; and Michel Plante - Hydro Quebec, etc. Readers need to note that, in 2005, Dr. Michael Repacholi was also a member (one of three from Switzerland) of the ICES.

<http://microwavenews.com/docs/WHOWatch.pdf>

www.next-up.org/pdf/who_conflict.pdf (p. 4 of 9)

www.who.int/peh-emf/meetings/ices_dublin_course_230605.pdf (p. 5 of 6)

2005: Israel – Magnetic field of 20-30 mG causes Prime Minister’s offices to be vacated

His entire suite of five offices was vacated due to high EMFs, which were ten times higher than the allowable level.

www.iddd.de/umtsno/puzen.htm

November 2005: Israel – Most average homes have a magnetic field of less than 0.4 mG

Average exposure in most houses in Israel and abroad is <0.4 mG.

www.iddd.de/umtsno/puzen.htm

2006: Greece – High voltage power lines and schools

Greece prohibits HV power lines and cell phone towers within 500 meters of schools.

World News 24/10/2006

www.savedereel.com/2008

April, 2006: Electric power industry is concerned

about its costs, not public health

The Utility Health Sciences Group, one of the power industry groups that Dr. Repacholi asked to review the EHC draft document, stated: “increased costs to industry should take precedence over health considerations” when they proposed a change in the chapter on protective measures. The company spokesperson went on to say: “It should also be pointed out that redirecting facilities or redesigning electrical systems may be so expensive as to be inconsistent with the low-cost and no-cost steps typically viewed as prudent avoidance.”

www.next-up.org/pdf/who_conflict.pdf (p. 5 of 9)

March 23, 2007: Ireland – Government report dismisses health concerns about EMFs and RF EMFs

A four-member panel, chaired by the infamous Mike Repacholi (the former head of the WHO EMF Project), concluded that RF from cell phones and cell phone towers, and EMFs from power lines are not harmful.

<https://microwavenews.com/news-center/irish-panel-mobile-phones-are-safe>

2007: Europe and North America – Magnetic fields in average homes

Common 50/60 HZ household electricity in homes (from household wiring, electrical appliances, all electronics, etc.) causes an average home to have an ambient (normal) level of magnetic field as shown:

- In Europe – 0.07 uT or 0.7 mG
- In North America – 0.11 uT or 1.1 mG

www.who.int/peh-emf/publications/facts/fs322/en/

2007: United Kingdom – Power lines cause illnesses and diseases

A survey of 67 U.K. homes within 150 feet of high voltage cables found one case of childhood leukemia, 11 cases of other cancers, 18 miscarriages, plus higher rates of depression, digestive problems and insomnia. Clearly, homes and schools should not be built anywhere near power lines.

www.dailymail.co.uk/news/article-451238/Dont-build-schools-homes-near-pylons-warn-experts.html#ixzz2uazn3A8l

Global – Electropollution can directly affect efficiency of the heart

Workers at high voltage power station switchyards had cardiovascular disease including bradycardia, instability of pulse and blood pressure, and tremors.

“The Body Electric” by Robert O. Becker. (Pp 291)

2008: Switzerland – Power lines and Alzheimer’s disease

People living within 50 meters of power lines had higher rates of Alzheimer’s disease.

www.swissinfo.ch/eng/proximity-to-power-lines-linked-to-alzheimer-s/964320

2008: China – Studies of children’s genes and power lines are cause for alarm

Chinese researchers have found that children who carry a defective version of a gene that would otherwise help repair damaged DNA are much more likely to develop leukemia if they also live near power lines or transformers. Xiaoming Shen and coworkers at the Jiao Tong University School of Medicine in Shanghai have reported that children with this genetic variant —known as a polymorphism or snp (pronounced “snip”) —and who lived within 100 meters of these sources of EMFs had over four times more leukemia than neighbouring children with a fully functional version of the same gene. Their studies implicate extremely weak magnetic fields, certainly less 1 mG. Shen found that the leukemia risk among carriers of this gene extended out to at least 100 meters. Even at 500 meters more of these children had leukemia...

www.microwavenews.com/XRCC1.html

November, 2009: Global – Population is at risk

A three-day scientific panel was convened in Seletun, Norway, to discuss Electromagnetic Field Health Risks. The panel concluded, in part, that: “ICNIRP and IEEE/FCC public safety limits (which are followed and endorsed by the WHO and Health Canada) are inadequate and obsolete with respect to prolonged, low-intensity exposures.” The panel recommended:

- a) Magnetic field of 1 mG exposure limit for all new installations based on findings of risk for leukemia, tumours, Alzheimer’s, ALS, sperm damage and DNA strand breaks. (This exposure limit does not include a safety margin),

and,

b) For all newly constructed residences, offices, schools (and other facilities with), the magnetic field should not exceed 1mG.

AUTHOR'S COMMENT: *Readers must ask themselves, knowing the above, how is it possible for Health Canada, the WHO, ICNIRP, IEEE/ICES and FCC to all say that magnetic fields 2,000 times stronger are SAFE? Americans are even worse off, for ICES and FCC “safe” limits are substantially higher/more dangerous yet.*

www.magdahavas.com/wp-content/uploads/2011/06/Seletun-article.pdf

www.sagereports.com/smart-meter-rf/docs/Fragopoulou_et_al_2010b.pdf

2010: U.S. – Government agency admits power line EMFs pose serious hazards

The EPA publicly acknowledged that ELF EMF are a serious threat to health. “More and more people living near HV lines have reported severe symptoms and even life-threatening diseases.”

<http://lifeenergies.com/he-emr/>

2010: Canada – Health Canada says ELF EMFs are safe

There is no need for government guidelines.

<http://emf.electricity.ca/FAQ.html>

AUTHOR'S COMMENT: *Despicably, Health Canada never tells the unsuspecting public that Safety Code 6 protects only against the thermal effects on the frequencies used by all of today's wireless products – all of which emit pulsed non-thermal EMR. Nor does Health Canada ever mention that SC6 provides absolutely NO protection whatsoever against power line EMFs, which also happen to emit non-thermal electric and magnetic fields. This serious omission has to be deliberate.*

2010: Global – ICNIRP's guidelines note leukemia connection

On page 14 it states: “As noted above, epidemiological studies have consistently found that everyday chronic low-intensity (above 0.3– 0.4 μ T) (i.e., above 3 mG to 4 mG) power frequency magnetic field exposure is associated with an

increased risk of childhood leukemia.”

<https://icnirp.org/cms/upload/publications/ICNIRPLFgdl.pdf>

2010: U.S. – Alzheimer’s disease and Down syndrome

Dr. Koslov, Director Applied Physics at John Hopkins University recently went public with a link between EM field microwave exposure and Alzheimer’s disease out of frustration over lack of funding for electromagnetic bioeffects research.

National Institute of Mental Health.

www.geopathic-stress.info/index_files/Page1263.htm

2012: Sweden – Power line electric fields cause cancer in children

Massive 25-year study of 500,000 people found overwhelming evidence that electric fields from overhead power lines CAUSED:

- a) Four times rate of cancer in children, and,
- b) Three times rate of cancers in adults. Sweden now lists electromagnetic fields as a Class 2 Carcinogen, right along with tobacco.

www.dirtyelectricity.ca/dirty_electricity_is_dangerous.htm

2012: U.S. – Electricity and the Amish

The Amish, who shun electricity, compared to the U.S. “national average,” experience:

- ADHD – 0%
- Allergies – 7.2%
- Alzheimer’s – 0%
- Autism – virtually none (1 in 100,000)
- Cancers – 56%;
- Diabetes – 40%;
- Dementia – very low
- Suicides – 50%;

Dr. Sam Milham, PhD., author of “Dirty Electricity”

www.ageofautism.com/2012/05/dan-olmsted-the-amish-all-over-again.html

2012: Global – BioInitiative 2012 report blasts current

Guidelines

guidelines

Five new studies report bio effects from power line electro-magnetic fields at levels 1,000 to 10,000 times lower than current exposure limits provide for.

www.bioinitiative.org

2012: Power line magnetic fields are a carcinogen

Sufficient epidemiological evidence exists: EMF can be classified a Group 1 “known carcinogen”.

www.bioinitiative.org

2014: Global – Power line magnetic fields

- Belgium – 2 mG (target),
- Brazil – 3 mG (new facilities),
- Denmark – 4 mG (precautionary approach),
- France – 1 mG (near kindergartens, hospitals, primary schools),
- Israel – 10 mG,
- Italy – 3 mG (maximum continuous exposure),
- Italy (3 regions) – 2 mG (nurseries, schools, hospitals, etc.),
- Luxembourg – 1 mG (schools, playgrounds, etc.),
- Netherlands – 4 mG (dwellings, schools),
- Norway – 4 mG (new homes, kindergartens, schools),
- Russia – 5 mG (homes); 10 mG (outdoors),
- Sweden – 2 mG (average home is 1 mG), and,
- Switzerland – 10 mG.

www.emfs.info/limits/world/

www.emfs.info/wp-content/uploads/2014/07/standards-table-revision-51-July-2014.pdf

Guidelines and regulations on exposure to ELF magnetic fields for the public

ICNIRP (2010)	2,000 mG (Public)	10,000 mG (Occupations)
IEEE (2003)	9,040 mG (Public)	27,100 mG (Occupations)
European Union	1,000 mG	5,000 mG (Workers) (2004)

European Union (1999)	1,000 mG (Public)	5,000 mG (workers) (2004)
United Kingdom (2011)	3,600 mG (Public)	18,000 mG (Occupations)
Switzerland (1999)		10 mG
Israel (2013)		10 mG
Italy (2010)		100 mG (existing buildings) 30 mG (new power lines, buildings)
Croatia, Denmark, Finland, France,		4 mG

Extremely low or power line frequencies (60/50 Hz) magnetic field exposure

ICNIRP 2010	2000 mG	
New Zealand, Singapore, South Korea (voluntary or recommended at ICIRP)	1000 mG	
China – ICNIRP	1000 mG	
Australia (2001)	1000 mG (Public);	5,000 mG (Workers; 50,000 mG >2 hours/day)

- Canada has no federal or provincial guidelines.
- The U.S. has no federal guidelines (but some states set limits).
- New Zealand, Peru, Spain and Turkey have no federal guidelines.

Median values in homes and day nurseries (Australia)

- Metropolitan regions – one in ten homes have at least one room reading 2 mG.
- Major towns/cities – 1 mG.
- Smaller towns and rural areas – 0.5 mG.

Use of precautionary principle

Use of precautionary principle

- Ontario (Toronto), California, Connecticut, Hawaii, Norway (ALARA 4 mG), Sweden.

2014: Global – Magnetic fields – danger zones

Magnetic fields produced in common appliances – in milligauss

(Note that recommended safety levels vary from 0.5 mG to 2.5 mG)

Source	Up to 4 Inches	At 3 Feet
Blender	50-220 mG	0.3-3 mG
Clothes washer	8-200 mG	0.1-4 mG
Coffee maker	6-29 mG	0.1 mG
Computer	4-20 mG	2-5 mG
Fluorescent lamp	400-4,000 mG	0.1-5 mG
Hair dryer	60-20,000 mG	0.1-6 mG
Microwave oven	100-500 mG	1-25 mG
Television	5-100 mG	0.1-6 mG
Vacuum cleaner	230-1,300 mG	3-40 mG

*Source: U.S. Environmental Protection Agency
 “Over-Powered” p. 38, by Martin Blank, PhD*

2014: Global – Safe distance from high voltage power lines

There is NO “safe” distance for power lines with voltages from 100 to 700 kV. Increased risk of health effects have been found up to 1,200 feet.

“Overpowered,” p. 196, by Martin Blank, PhD

Magnetic fields – “safe” levels – scientists say:

0.1 mG	Ideal for homes, schools and work
1.0 mG	Max for homes
<0.2 mG	Max for schools

<1.0 mG	Max for general public
>3 mG	Causes leukemia in children
3 mG	Current standard for U.S. industry

<http://lifeenergies.com/pollution-reports/emfp10/>

Magnetic fields – “safe” levels – governments and industry say:

2,000 mG – Public	10,000 – Work (ICNIRP)
2,000 mG – Public	10,000 – Work (WHO)
2,000 mG – Public	10,000 – Work (UK)
9,040 mG – Public	27,100 – Work (U.S.)

No upper limit required – Health Canada.

<http://www.emfs.info/klimits/5060-2/>

http://www.hydroquebec.com/fields/pdf/pop_23_01.pdf

www.emfs.info/limits/limits-usa/

Some facts about magnetic fields and humans

- The pineal gland produces melatonin at night (Mother Nature’s own cancer fighter) but only if the sleeping area is devoid of light.
- Magnetic fields reduce the body’s production of melatonin (Alzheimer’s is linked to lower melatonin levels in the elderly).
- Magnetic fields greatly enhance growth of cancer cells.
- For those being treated for cancer, magnetic fields inhibit the effectiveness of Tamoxifen.
- In 2007, IARC classified night shift work a Class 2A (probable) cause of cancer.
- Shift workers have 50% greater chance of getting cancer.

50 Hz/60 Hz magnetic fields

Exhaust the body’s immune system, thereby causing or promoting:

- Leukemia, lymphomas and brain tumors in children,
- Adult leukemia,

- Breast cancers (all ages),
- Depression and suicides (especially in teenagers),
- Cardiovascular disease,
- Birth defects,
- Alzheimer's,
- Chronic fatigue syndrome,
- Sudden Infant Death Syndrome,
- Diabetes.

Dr. Robert O. Becker's "The Body Electric" p. 291-294
www.who.int/peh-emf/publications/reports/ottawa.pdf (p. 205)

Cancer cells, melatonin and EMFs

Adding melatonin to cancer cells in a laboratory dish will cause them to stop growing. Placing the same dish in an electro-magnetic field will cause the cells to start growing again.

www.ecolibria.com.au/Resources/electromagnetic-radiation-emr-and-potential-adverse-health-affects

December 10, 2015: Canada – Massive EMF class action lawsuit launched

“Considering the failure of federal, provincial and municipal levels of governments to protect the population against increasingly excessive exposure levels of microwave emissions and low frequency electromagnetic fields from powerlines ...” a Class action lawsuit has been launched in Quebec against Hydro-Quebec, Videotron, Bell, Rogers, Telus and many other defendants.

<https://emfrefugee.blogspot.com/2015/12/massive-emf-class-action-important.html>

ELF/EMF – Melatonin – Tamoxifen

Melatonin

- Breast cancer patients have <1/10th normal level.
- Prostate cancer patients have <1/2 normal level.
- Autistic children have <1/2 normal level.
- Night-shift workers have <1/2 normal level.

Tamoxifen

- EMFs stop tamoxifen from working.

<http://lifeenergies.com/he-emr/>

What links these apparently disparate EMF health outcomes?

Childhood leukemia Adult leukemia

Adult brain tumors ALS (motor neurone disease)

Miscarriage and adverse birth outcomes Depression and depressive symptoms

Alzheimer's disease Breast cancer

They could all be explained by melatonin and circadian rhythm disruption by electric and magnetic fields.

www.electric-fields.com

Plummeting house prices due to high ELF and EMF

Buying a house or living in a house with high EMF will be an economic disaster. In a few years, when power line radiation is as well-known as asbestos and radon, a house near power lines or with high EMF will be practically impossible to sell. Business Week writes that there are over 100 lawsuits regarding power lines and property devaluation.

www.concernedcitizensmontana.net/Publish/Appraisal.groupone.pdf

April, 2017: When considering studies, always look to find who paid for the study

Studies that show EMFs are harmful were almost all funded by the government or independent agencies. Studies that found EMFs are NOT harmful were paid for by the electric power industry.

<http://indepthnh.org/2017/04/30/is-nh-getting-hoodwinked-on-health-and-safety-by-northern-pass/>

October, 2017: Global – Magnetic fields

National precautionary policies on magnetic fields from power lines are:

- France – recommends 1 mG for new hospitals, kindergartens, maternity wards and childcare near power lines etc.
- Germany – 3 mG.
- Netherlands – 4 mG.

- U.K. – optimal phasing.

www.rivm.nl/bibliotheek/rapporten/2017-0118.pdf

December, 2017: Global – Magnetic fields and miscarriages

Seven studies show that magnetic fields common in most homes can triple chances of having a miscarriage.

www.emfacts.com/2017/12/magnetic-fields-and-miscarriages-the-evidence-grows-at-least-7-studies-now-show-an-association/

May 31, 2019: U.S. – Smart meters alleged to cause health issues

“Smart meters emit pulsed RF radiation up to 190,000 times a day. If you live in a frame house with fiberglass screens on your windows, the radiation can enter your home and cause health problems. The worst place to have it is on a wall outside your bedroom. This is what happened to my husband and me,” says Diane Sperber.

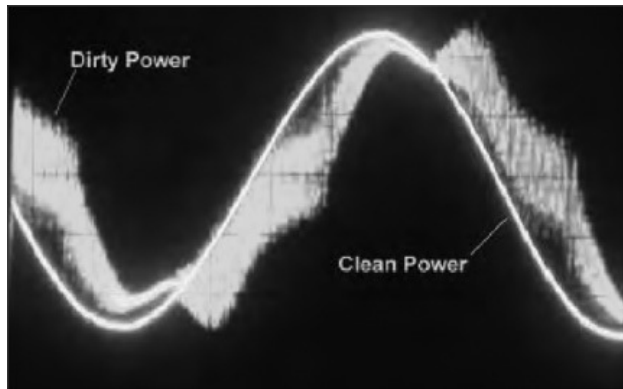
www.timesnewspapers.com/webster-kirkwoodtimes/claims-health-issues-resulting-from-smart-meters/article_e9fc0d56-82e8-11e9-a91b-eb12662648b6.html

Electric and magnetic fields – deception and lies

- The U.S. Military and the IEEE are mutually dependent.
- Being the world’s only super power, the U.S. Military insists on having the highest possible (which are the most hazardous to people) “safe” ELF and RF EMF standards – to enable them to build their gigantic strategic military “Projects” e.g., “Sanguine” (1968), “Seafarer” (‘75), “Austere ELF” (‘78), “ELF” (‘81), “PAVE PAWS” (‘80-’95) etc. This saves the U.S. Military literally billions of dollars in real estate costs they otherwise would have to spend to buy the land necessary for them to provide the public with legitimate safe buffer zones separating their huge radar and other electronic installations from the public.
- IEEE/ICES Subcommittees 3 and 4, respectively, determine the U.S.’s “safe” ELF and RF levels – which recognize only the thermal effects.
- Western allies have “safe” standards that are similar or acceptable to those of the U.S. Military.

- U.S. “safe” magnetic field is <9,040 mG (milliGauss).
- Canada and other western governments say <2,000 mG is “safe” for the public and <10,000 mG for workers.
- Independent scientists around the world say that a “safe” ambient level of magnetic field should not exceed even one milliGauss (<1 mG) in homes, schools, hospitals, public buildings, etc.
- Who is the enemy?

Chapter 16: “Dirty” Electricity



*From The Health Effects of Electrical Pollution, National Foundation for Alternative Medicine
<http://smartmeterharm.files.wordpress.com/2012/12/1-smart-meter-problems-dec-2012-final.pdf>*

Explanation – “Dirty” electricity

“Dirty” electricity is also called high frequency transients or HFTs. “Clean” electricity is when the electricity we use appears on a monitor screen as a pure, clean 50 Hz or 60 Hz (i.e., cycles per second) sinusoidal voltage and/or current waveform without any form of distortion. Dirty electricity refers to the HFTs that ride on this sinusoidal wave. Examples of dirty electricity or HFTs being present can be seen on a display monitor each time an electronic device (such as a laptop computer) or appliance (all of which run on DC current) is plugged into a 60 HZ AC outlet (such as when one charges a cell phone, an electric razor, etc.), or from Smart meters, which also convert their DC power to your household 110V AC power, or solar panels, whose DC current needs to be switched to 110V AC current, etc.

Other causes of dirty electricity include: switched mode power supplies, doorbell transformers, electric blankets, heating pads (of all kinds), recessed ceiling light fixtures, furnace control circuits, refrigerators, TV top and stereo, amplified antennas, light dimmers, aquarium heaters, screw-in photocells, low-energy compact (screw-in) fluorescent lights, touch control lamps, and clean air machines (table top and furnace type).

<http://tdworld.com/overhead-transmission/smarter-approach-resolving-power-line-noise>

Dirty electricity can be substantially filtered or reduced by using what are called “System filters” which if properly placed can reduce HFTs to an acceptable

“Stetzer filters” which, if properly placed, can reduce HFTs to an acceptable (safe) level. To determine where a Stetzer filter should be added and how many filters are required one needs a Stetzer meter (see the internet for an explanation of both).

1994: Canada, France – Dirty electricity found to cause 16.6 times increase in lung cancers

McGill University study found up to a 16.6 fold increased risk of developing lung cancer amongst utility workers most exposed to HFTs with a “very clear” exposure-response relationship. Hydro Quebec refused to allow further analysis and buried the report.

www.electricalpollution.com/Lloyd_Morganexcerpts.html

2010: Global – Dirty electricity

“Electrification and the Diseases of Civilization,” by Samuel Milham, MD, MPH, the scientist who first alerted the world about the frightening link between occupational exposure to electromagnetic fields and human diseases.

www.sammilham.com/

Chapter 17: Electro-hypersensitivity



EHS was originally called Microwave Sickness by German scientists in 1932.

1932: Microwave Sickness (today's electro-hypersensitivity)

First reported by German scientists, symptoms of microwave sickness include: headaches, dizziness, disrupted sleep, insomnia, fatigue, nausea, heart palpitations, memory loss, tinnitus, skin rashes, muscle and joint pain, leg and foot pain, tingling, irritability, numbness, nosebleeds, depression, anxiety, etc.

<http://smartmeterdangers.org/index.php/position-statements/206-smart-meters-correcting-gross-misinformation>

1950s: Microwave sickness (EHS)

Clinics in several cities in the Soviet Union and E. Europe studied and treated thousands of workers suffering from a new occupational disease, “radio wave sickness.” The workers manufactured, inspected, repaired or operated microwave equipment. Some worked at radar, radio or TV stations or telephone companies. Others operated RF heaters and sealers being used in industries using technology developed during World War II.

www.cellphonetaskforce.org/wp-content/uploads/2011/06/Electromagnetic_Hypersensitivity.pdf

1955: U.S. Air Force reported first symptoms of EHS

The U.S. Air Force reported that personnel experienced “a tinnitus or ringing of the ears (a symptom of EHS) ... during exposure in the strongest cross section of a radar beam,” the cause of which could have been thermal or non-thermal. No follow-up study was done to find out cause.

The Microwave Debate, Nicholas H. Steneck, p. 81

1973: Radiowave sickness, microwave sickness, electro-hypersensitivity and EHS – they’re all the same

Excerpts of reports from the Warsaw Conference of 1973 documented the

diagnosis of such a disease in other countries. Yet Health Canada and its western alliance partners still say there is no such thing.

The Microwave Debate, Nicholas H. Steneck p. 221

1982: New York Supreme Court rules on microwave or radiowave sickness

The court ruled Dr. Milton Zaret provided the board with ample evidence of the existence of the disease which, today, is known as electro-hypersensitivity or EHS.

The Microwave Debate, Nicholas H. Steneck, p. 221

1984: The U.S. Navy knew all about the hazards of RF EMFs and EHS

Lieutenant Zorach Glaser, Ph.D was commissioned to locate and catalogue all of the world's scientific literature on the health and biological effects of RF and microwave radiation. He catalogued and had printed 2,311 documents by 1972, and a total of 5,087 documents by 1984.

www.cellphonetaskforce.org/wp-content/uploads/2014/07/Brief-of-Amici-Curiae.pdf (p.35 of 52)

1998: The California Department of Health Services

The department's survey indicated that 120,000 California residents were so disabled by electromagnetic pollution that they were unable to work. By implication, this extrapolates to million Americans.

<http://lifeenergies.com/he-emr/>

2000: EHS in Sweden

Is recognized as a physical disability, not a disease. Local governments grant support to individuals with EHS. Employees with EHS have a right to support from their employers so as to enable them to work despite this impairment. Some hospitals in Sweden provide rooms with low EMF exposure.

www.emfacts.com/2009/02/1014-electrosensitivity-in-sweden-by-olle-johansson/

c 2002: WHO's Director General – World's first celebrity to admit she is EHS

Dr. Gro Harlem Brundtland, MD, MPH (Harvard U), former three-time Prime Minister of Norway before she became DG of the WHO (1998 to 2003), shocked everyone when she volunteered that she was/is electrosensitive. She no longer

everyone when she volunteered that she was/is electro-sensitive. She no longer uses wireless technology.

<http://microwavenews.com/>

2004: WHO scientists recognize EHS

World Health Organization's "Workshop on ElectroSensitivity," Czech Republic, Oct. 2004. Scientists recognize electro-hypersensitivity and propose calling it "idiopathic syndrome", which means "no known cause".

http://electromagnetichealth.org/wp-content/uploads/2010/04/BRAG_Schools.pdf

2005: EHS is recognized by the U.S.'s NIOSH

The National Institute for Occupational Safety and Health recognized EHS – 55 years after the Soviet Union had.

[Victor_tribute](#)

2005: The U.K. recognizes EHS

In a major report released in November of 2005, the British government recognized EHS as an illness for the first time and said at least 3% of the population in that country is severely affected. A recent survey of doctors in Switzerland concluded 5% of the symptoms seen in patients could be attributed to EMF exposure. Yet Canada and U.S. won't recognize it.

www.dirtyelectricity.ca/electrical_hypersensitivity.htm

December, 2005: The WHO recognizes EHS

The World Health Organization issued a bulletin stating that electromagnetic hypersensitivity is a growing worldwide concern. Still Canada and U.S. won't recognize it.

<https://naturallysavvy.com/care/electromagnetic-fields-your-health/>

2007: EHS in Canada

The Canadian Human Rights Commission recognizes EHS as an environmental sensitivity and classifies it as a disability. But Health Canada won't recognize it.

<http://safertechsolutions.org/2014/04/30/electro-hypersensitivity-ehs-a-new-medical-condition/>

2007: At least 210 million people world-wide have severe symptoms of EHS

Researchers estimated that 3% of the global population have severe symptoms of EHS and another 35% have moderate symptoms such as an impaired immune

EHS, and another 25% have moderate symptoms, such as an impaired immune system and chronic illness (Havas, 2007).

AUTHOR'S COMMENT: Assuming a global population of seven billion, this means that approximately 210 million people in 2007 had severe symptoms of EHS and another 2.8 billion people have moderate symptoms. One can't even imagine the difference between the electromagnetic environment that existed in 2007 and that which exists today, in 2019.

<http://weepinitiative.org/livingwithEHS.html>

(See the 2018 entry, below)

2011: Spanish court recognizes EHS as a permanent disability

Hypersensitivity to the waves produced by mobile phones becomes a new cause of permanent disability.

[www.next-](http://www.next-up.org/pdf/Hypersensitivity_to_the_waves_produced_by_mobile_phones_becomes_a_new_cause_of_perma)

[up.org/pdf/Hypersensitivity_to_the_waves_produced_by_mobile_phones_becomes_a_new_cause_of_perma](http://www.next-up.org/pdf/Hypersensitivity_to_the_waves_produced_by_mobile_phones_becomes_a_new_cause_of_perma)

2011: Global – EHS and MCS reference

This writer (J.G. Flynn) urges those suffering from either EHS or MCS to also consult with ARTAC (French research coordination team) and ECERI (Environmental Research Institute, based in Brussels, Belgium), both of which are believed to be honest, non-profit research organizations, independent of conflicting interest. It is they who said: “the exceptional gravity of the situation in terms of public health.”

www.ehs-mcs.org/en/mentions-legales_217.html

2012: Germany recognizes EHS

But not the U.S. or Canada

https://groups.google.com/forum/#.topic/mobilfunk_newsletter/3o7YRuNyWHM

2013: Australia recognises EHS

<http://electromagneticman.co.uk/index.php/news/149-legal-acknowledgement-of-the-condition-of-ehs-in-australia>

July, 2013: EHS is becoming the disaster of the 21st century

“I think it’s becoming the disaster of the 21st century,” says Dr. William Rea, one of the foremost experts on EHS disorder in the U.S. and a cardiovascular

one of the foremost experts on EHS disorder in the U.S., and a cardiovascular surgeon who has treated patients for EHS disorder for 40 years.

<http://kfor.com/2013/07/23/customers-says-oge-smart-meters-making-them-sick/>

November, 2013: France recognizes EHS

A woman was able to claim a medical disability due to her intolerance of electromagnetic fields.

<http://apps.fcc.gov/ecfs/document/view?id=7521098548>

2014: Man's electromog is dangerously polluting Earth's natural geomagnetic environment

It has been established that the electromagnetic radiation of all man-made instruments around the globe exceed the Earth's own geomagnetic field millions of times. The agglomeration of this man-made pollution is now called electromagnetic smog or, simply, electromog.

www.emfacts.com/2014/05/russians-find-electromagnetic-radiation-increasingly-worrisome/

2014: Global – EHS is a threat to the human race

A total of 94 organizations from 22 countries on six continents, including 23 U.S. organizations including several associations of physicians are concerned partially or exclusively with the issue of EHS. It is estimated that five to 15 percent of the world's population develop intolerance to electromagnetic fields. Even if just five percent suffer from EHS, that means roughly 350 million people either do now or soon will suffer from EHS.

www.cellphonetaskforce.org/wp-content/uploads/2014/07/Brief-of-Amici-Curiae.pdf

2015: Those most vulnerable to EHS

“... the fetus, children, the elderly, the infirm, those with predisposing morbidities – usually cardiac and neurological – and those with a toxic overload.” Children are not little adults. They are developing, and perturbations during windows of development may have lifelong repercussions .

www.scribd.com/document/269025789/412-HESA-Rpt13-e

April 9, 2015 – Terrifying prediction by Royal College of Physicians, Ireland

“In a mere six years half of us will become electromagnetically sensitive.” This was a prediction by Salzburg's Dr. Gerd Oberfeld, who addressed the Irish

Doctors Environmental Association. This parallels the prediction by the Royal College of Physicians the previous year that half the Irish population will have “some form of cancer” by the year 2025.

www.foodsmatter.com/es/health_risks/articles/oberfeld.pdf

September 4, 2015: The International Scientific Declaration on EHS and MCS, Brussels

European, American and Canadian scientists issued a press release in Paris inviting the WHO to recognize electro hypersensitivity and multiple chemical sensitivity (MCS) as genuine pathological entities and include them in the International Classification of Diseases Paris. The WHO was also asked to appoint “real independent expert groups to evaluate these sanitary risks in total scientific objectivity, which is not the case today.”

<http://appel-de-paris.com/wp-content/uploads/2015/09/Press-Release-EN1.pdf>

2017: 50% of entire population expected to be EHS by 2017

Electrical sensitivity will be more common in the near future. The trend shows that 50% of the total population can be expected to be electro-sensitive by 2017. (Canada and U.S. still won't recognize it.)

Dr. Olie Johansson. Dept. of Neuroscience, Karolinska Institute, Stockholm, Sweden

“Electrohypersensitivity: State-of-the-art of a functional impairment“

2018: EHS is on the rise

The average person is now bombarded with 1 quintillion (1,000,000,000,000,000,000) times more EMFs than a decade ago.

<https://articles.mercola.com/sites/articles/archive/2018/09/15/generation-zapped.aspx>

Chapter 18: National Security



Wireless Technology – Extremely Vulnerable

AUTHOR'S COMMENT: *No communications technology is more vulnerable or defenseless than is a wireless radio system. Enemies of any wireless radio system include solar storms, solar flares, severe lightning storms, random noise, ionospheric propagation, signal jamming or use of other electronic warfare weapons, e.g., HAARP, EMP, chaff, etc. and/or hacking by malcontents, organized criminals, terrorists, hostile nations, etc.*

Solar storms

North American Space Agency (NASA) warns that “Super solar storms – could wipe out entire U.S. power grid and end life as we know it. Transformers will short circuit and burn out; satellites will be destroyed. This could be worse than the 1859 humungous storm. Such a storm would set a country back many months if not years.”

<https://youtu.be/WeAocYXKjOI>

North America's Achilles heel – microelectronics

An enemy's potential ability to blunt America's initial onslaught using microwave weapons is particularly disturbing because of our reliance on sophisticated, precision-guided standoff weapons. The same microelectronics that allows these weapons to hit their targets with such precision are also the most likely to be adversely affected by microwave energy.

www.stopthecrime.net/docs/high%20power%20brundeman.pdf

2012: Cloud technology to “share” electric power grid data – sheer insanity

Silver Spring launches cloud service to share Smart grid data.

www.greentechmedia.com/articles/read/silver-spring-launches-cloud-service-to-share-smart-grid-data

February 25, 2012: Canada's “crown jewel,” Nortel Networks, was hacked to death – by Huawei

So said 60 Minutes; so too did the Financial Post, as did the Wall Street Journal. None disagreed that hackers had free reign inside Nortel's network for more than a decade before the company went bankrupt in 2009. Huawei enjoyed rapid global growth matching Nortel's decline. Similarly, Cisco and Motorola both sued Huawei for stealing technology from them, both lawsuits being settled out of court. In 2010, Huawei hired Nortel's former chief technical officer (John Roesse) to head up its R and D in North America.

www.theepochtimes.com/how-huaweis-rise-coincided-with-telecom-giant-nortels-demise_2732995.html

www.networkworld.com/article/2223272/cisco-subnet/60-minutes-torpedoes-huawei-in-less-than-15-minutes.html

www.cnet.com/news/inside-huawei-the-chinese-tech-giant-thats-rattling-nerve-in-dc/

December 7, 2018: “Canada and all western countries should ban Huawei and ZTE”

Both ZTE and Huawei are giant Chinese multinational telecommunications equipment and systems companies whose headquarters are in China. As with all Chinese companies, they operate at the sole pleasure of the Communist Chinese Government.

Canada's former Prime Minister, Stephen Harper, said on Fox News that “Canada and all western countries should ban Huawei from any involvement in the development of their 5G technology – on national security grounds”.

www.itworldcanada.com/article/stephen-harper-calls-for-canada-to-ban-huawei-on-fox-news/412815

December 10, 2018: Is Huawei China's Trojan horse?

Canada is completely out-of-step with its Five Eyes intelligence-gathering allies who, for good reason, consider Huawei and other nationalist Chinese companies to be a threat to their national security. So too does Japan, the Czech government, and a number of European countries. Huawei's president, Ren Zhengfei, is a former military engineer for China's People's Liberation Army. And Sun Yafang, a former chairwoman, used to work for the Ministry of State Security which has close links to China's intelligence services.

www.cbc.ca/news/business/huawei-china-telecom-arrest-spying-1.4934905

How is it possible for Canada's government to forget what Huawei did to Nortel Networks? Anyone who understands how critical – and increasingly vulnerable – is a country's electric power grid and its telecommunications infrastructure, especially with the advent of 5G technology and the coming IoT, Smart cities, etc., knows how indefensibly irresponsible, if not downright stupid, it would be

for any nation to allow a nationalist Chinese company to be involved in any way with technology on which its critical infrastructure is dependent. Yet, today, Huawei has research programs underway with ten Canadian universities and, incredibly, has partnered with both Telus and Bell Canada in the development of 5G technologies.

<https://canada.timesofnews.com/for-once-canada-didnt-cave-in-to-huawei.html>
www.macleans.ca/opinion/for-once-canada-didnt-cave-in-to-huawei/

2018: Canada’s critical national infrastructure must be protected

AUTHOR’S COMMENT: *All vital components of our national electric power grid, in particular, and our major telecommunications systems must be protected, i.e., be “hardened” (i.e., buried and/or encased in shielded cable) and incorporate redundancy. Canada must never incorporate technology that is developed by a foreign country deemed to have the potential to become our enemy (e.g., Huawei of mainland China). China is THE most protective country of its own critical national infrastructure.*

Oct 11, 2018: U.S. and Canada – U.S. Senators urge Trudeau to block Huawei from 5G

As the U.S. and Australia have done on national security grounds (includes any other Chinese state-directed telecom. company)

www.theglobeandmail.com/politics/article-us-senators-urge-trudeau-to-block-huawei-from-5g/

December 2018: U.S. and Canada – Huawei is a threat to national security

So say the United States, Australia and New Zealand, who have banned the use of Huawei’s technology in their 5G networks. Great Britain and Canada are debating whether to do so.

www.aljazeera.com/news/2018/12/countries-banning-huawei-181206130850129.html

Chapter 19: What Can We Do?



Tips to help protect yourself and your loved ones – including pets

Distance – With any form of radiation, distance is your friend. There are relatively “safe” distances one should be from anything that plugs in and/or runs on electricity. Educate yourself.

www.emfacts.com/2017/11/bioinitiative-report-medical-concerns-intensify-over-deadly-brain-tumors-from-cell-phone-use/

<https://emfinfo.org/guidelines-distance.html>

Meters – Because of the unprecedented, surreal threat which EMFs pose to all life on earth today, people need to SEE or HEAR the hazardous radiation that our bodies can neither sense nor detect. Consider renting or buying the following – all of which are easy for the layperson to use/read. The noise will frighten some people. Two reputable suppliers are:

<https://slt.co/> and <http://electrosmog.org/>

There are others.

Gauss meter – Any tri-field meter that reads, separately, electric fields and magnetic fields up to at least 100 mG should suffice.

http://fweb.wallawalla.edu/class-wiki/index.php/Gauss_Meters

www.trifield.com/product/trifield-meter-model-100xe/

RF meter – Ideally the meter you rent or buy should cover as broad a range of frequencies as possible, up to at least 8 GHz (billions of Hertz), preferably up to 10 GHz.

Stetzer meter – This measures the dirty electricity on your household wiring.

www.amazon.com/Graham-Stetzer-GS-M300-A-Stetzerizer-Microsurge/dp/B002P4HL10

Stetzer filters – Used to reduce level of dirty electricity.

www.stetzerelectric.com/store/stetzerizer-filters/

Home inspection – Before buying or renting a new home (regardless of whether it is rural, urban, an apartment, townhouse, strata property or detached home) conduct or have a qualified person conduct an EMF survey of the property in which you are interested (with both a Gauss meter and an RF meter) to ensure that the building itself, its surroundings, including nearby neighbours are – cumulatively – all acceptably clean electromagnetically. Such an inspection

should also deliberately determine that there are no nearby cell phone towers, overhead power lines, substations, etc. Also, check with local government to see if it is considering any proposals by electric power utilities or telecom companies that are likely to add to the EMFs impacting on the home you are considering.

Additional information is provided below:

Painting – Paint one room or an entire home with black graphite paint. My understanding is that once the paint is dry, one can paint the room/dwelling a preferred color.

www.amazon.com/Shielding-Solutions-Paint-YShield-HSF74/dp/B007AT1PVW

Window shielding – There is material available which screens windows from RF EMFs.

<https://slt.co/>

Clothing – There is clothing, including hats and cloaks, with fine copper wires imbedded that protect the wearer.

Faraday cage for Smart meter

<https://beatemf.com/smart-meter-faraday-cage/>

Smart meters – Find easy-to-follow and inexpensive instructions online on how to build one for your own Smart meter. If you build and install one, remember to ground it.

Beds and bed canopies – Find online sources that sell Faraday Cages for beds, and to protect pets.

www.amazon.com/faraday-bed-canopy/s?k=faraday+bed+canopy

Unplug everything electrical before going to sleep.

Shut off any/all wireless products/gadgets/devices.

Educate yourself about melatonin and decide for yourself whether you need more.

Educate yourself about tumeric and decide for yourself if it is for you.

Power line frequency (50 Hz/60 Hz) Gauss meter – Also known as an ELF-EMF meter, can be bought online for less than \$200 Canadian.

RF Meter – Can be used for measuring RF levels in all dwellings, whether rural or urban.

Call to Action: Stop 5G Technology!

Western countries say that democracies share a common philosophy: each is a “government of the people, by the people and for the people.” Since at least the

government of the people, by the people and for the people. Since at least the end of World War II, reality has proven this to be completely untrue!

A nation's enemy ordinarily is one or more other countries. Today, though, the enemy of all people on Earth – repeat – all people on Earth and which U.S. President Dwight Eisenhower warned the American people to be on guard against in 1961, is a corrupt U.S. Military-industrial complex, which has since morphed into an even more powerful western Government-industrial complex. Today, western governments have allowed themselves to be “captured” by self-regulated, insatiably greedy electric power generation utilities and telecommunications companies whose only interests are:

- 1) That the U.S. Military remains dominant in the world,
- 2) That the U.S. remains the world's leader in telecommunications technologies (think 5G), and,
- 3) Government revenue and corporate profits. Public safety and health have been and continue to be sacrificed in order to pursue these selfish interests.

Informed people know that because of this unimaginable, unprecedented, pandemic corruption and insatiable greed – governments as well as industry - not a single wireless product, including baby monitors or Smart meters, has had to undergo independent, pre-market testing (by qualified experts having no ties to industry) to prove that the frequencies they will use (all of which emit pulsed NON-thermal radiation) are safe for humans. Government ignorance, gullibility and greed also explains why microwave ovens are now considered to be safe and are found virtually everywhere today, even in cancer clinics, hospitals, medical clinics, schools, pleasure craft, commercial aircraft, cruise ships, etc.

Scientists globally know that today's 4G technology literally threatens all life on earth. They are even more fearful of 5G, which will revolutionize all current electronic technologies and, scientists say, will simply expedite man's disappearance from Planet Earth. Both China and the U.S. are currently aggressively competing with each other to establish themselves as the dominant leader world-wide in 5G technology. Given its enormous population, China can withstand the loss of one billion people, but how will other smaller countries fare?

While all humans (and all living things) are essentially being used as guinea pigs in this largest-ever human experiment in history, those who will suffer the most are the young unsuspecting people whose whole lives should rightfully be ahead

of them. **Unless 5G is stopped though, scientists say, humanity won't have to worry about Climate Change.**

How can one stop this corruption ... and 5G?

People of all ages, but IN PARTICULAR, young people (of high school and university student age) in all countries must:

- Immediately use social media and the internet to overcome mainstream news media's historic silence on this bizarre "mother of all crimes".
- Educate themselves, ASAP, on the known hazards of power line frequency non-thermal EMFs and the diseases they cause.
- Educate themselves, ASAP, on the known hazards of pulsed radio /microwave frequency non-thermal EMFs and the diseases they cause.
- Educate themselves about the lies and deception constantly being shown on commercial television stations – referring to scenes depicting people holding laptop computers on their laps (in bathtubs even) and holding cell phones against their head – as if both are completely normal – when informed people know that both are extremely dangerous practices. Also to be noted are the seemingly incessant ads promoting wireless technology.
- Educate themselves ASAP about EHS and how seriously this condition can affect a person's life.
- Educate themselves ASAP about how telecom companies pay unsuspecting and naïve municipalities, schools, hospitals, churches, land owners, etc. thousands of dollars a month to erect a cell tower near residential areas.
- Educate themselves about today's disease epidemics vs those that existed prior to the introduction of wireless technology in the 1970s/80s.
- Educate themselves about what non-industry experts predict will be the incidence of diseases such as cancers, autism, Parkinson's, Alzheimer's, suicides, miscarriages, depression, etc.
- Educate themselves about the controversy surrounding the alleged safety of ultrasounds, X-rays, CT scans, and mammograms versus the alleged safety of thermographic imaging.
- Educate themselves about what scientists say about future generations being unable to procreate (have children) in just seven generations.
- Connect with other young people across the world to make governments listen.

- If need be, take to the streets and demonstrate. Governments must heed you.
- Protect the internet at all costs.
- Champion the need for national governments to subordinate electric power utilities and telecommunications companies to a specific government agency, one having resident expertise in each of those industries knowledgeable about non-thermal power line and pulsed RF EMFs.
- Demand the return of a free and independent news media.
- Pressure the federal government to order an exhaustive criminal investigation (in Canada, by the RCMP) to identify and arrest those responsible for this greatest ever “Crime against Humanity.”

Chapter 20: Conclusion

History knows that former U.S. President Dwight D. Eisenhower was visionary when, in 1961, he warned the American people to be on guard against the possible emergence of a corrupt U.S. Military-industrial complex.

While history knows that Americans largely ignored him, informed people know that today the U.S. MIC is far more powerful, far more corrupt and far more dangerous than President Eisenhower, or anyone else could have ever imagined. But none of this could have happened were it not for a complicit mainstream news media who agreed many decades ago to remain largely silent on this whole despicable matter.

This explains why few, if any, governments or health agencies anywhere realize just how outrageously dangerous is the “thermal effects-ONLY” mantra, which all U.S. MIC members adopted – back in 1966.

Today, more than 50 years later, this now scientifically-indefensible mantra (which denies that there are any hazardous non-thermal effects to power line EMFs or to pulsed RF EMR) is known to CAUSE (albeit not exclusively) most of today’s disease epidemics and premature deaths. But, as happened with Big Tobacco, asbestos, Thalidomide, etc., today’s EMF scientists, regulatory agencies, government health authorities, cancer agencies, etc. who have historically defended and championed the “thermal-effects-ONLY” mantra have no choice now but to continue doing so, for fear of the class-action lawsuits that are looming ever-larger on the horizon and to avoid the expensive re-engineering costs needed to make these technologies safe.

But it is simply beyond this writer’s comprehension how seemingly bright but selfish, egotistical, driven entrepreneurs – who clearly know nothing about the hazards of non-thermal microwave radiation, especially when pulsed – are feverishly racing against each other to launch what is expected to be a total of some 20,000 or more satellites – for the sole purpose of irradiating every inch of the Earth with pulsed microwave radiation in order to bring everyone – whether they want it or not – broadband internet.

Yet none of these aspiring companies would exist were it not for the nakedly corrupt and ignorant FCC which, informed-people around the world say, has been “captured” by the very industries it is supposed to regulate.

In addition to the 20,000 satellites, the FCC is simultaneously promoting

In addition to the 20,000 satellites, the FCC is simultaneously promoting terrestrial-based 5G technology, which it says, will make possible the Internet of Things, Smart cities, driverless vehicles, etc.

In the U.S. alone, it has been estimated that some 800 thousand new micro-cell towers will be required (on top of telephone poles, street lights, hydro poles, etc.) to support 5G, the antennas of which will not be further apart than every tenth home.

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Author Biography

Captain (Retired) J.G. Flynn

I am a retired Canadian Armed Forces captain (commissioned from the ranks in what was then the Royal Canadian Navy) who spent 22 of my 26+ years in the Forces in Electronic Warfare (EW) and Signals Intelligence (SIGINT), the former of which included two years in National Defense Headquarters Ottawa, in the Directorate of Electronic Warfare. In EW I worked closely with U.S. and NATO armies and, of my own initiative, attended a major NATO army EW officers' course in Anzio, Italy. Subsequently, I volunteered to participate in a major NATO army EW field exercise in Germany. I accepted separate invitations to visit the U.S. Pentagon and, subsequently, Fort Bragg, North Carolina (the U.S. Army's principal EW base). Earlier still, I conducted Radio Warfare/EW at sea aboard two Canadian warships.

In the SIGINT world, I spent more than 16 years working as a member of the Five Eyes intelligence-gathering community, which culminated in my two-year appointment as Executive Officer and Operations Officer of one of Canada's largest and most sensitive radio intelligence-gathering stations, where I employed some 200+ specially-trained radio operators who conducted both communications intelligence (COMINT) and electronic intelligence (ELINT) under my direction. Throughout this period, I worked closely with the U.S.'s NSA and, to a lesser extent, with Britain's GCHQ.



I retired in 2005, but since 2008, I have devoted myself (save for the period noted below) to researching, writing and speaking out publicly on this preposterous, insidious non-thermal EMF radiation issue, which now threatens

all life on Earth – the perpetrators of which I believe are members of what has now morphed from a U.S. Military-industrial complex into a Government-corporate complex, whose members are increasingly concerned about the inevitable criminal investigations and looming class-action lawsuits, as happened previously with Big Tobacco, asbestos, Thalidomide, etc.

In the fall of 2016, cancer very nearly claimed me when I was suddenly stricken with a particularly virulent form of non-Hodgkin's lymphoma – which, in hindsight, I attribute solely to my own indefensible stupidity in presuming that Health Canada had tested and verified that all wireless electronic products on the market were “safe” for the public to use. On leaving the Forces, in my second, 26-year career, I was extremely fortunate to have a client list that eventually included the Saudi Arabian government and several large multinational corporations who collectively had major operations and/or billion-dollar projects in various countries on five continents. Consequently, I quickly embraced all things wireless: a Blackberry cell phone, Wi-Fi routers (both in the office and at home), cordless phones (both locations), microwave ovens (both locations), laptop computer (wireless, of course), Bluetooth cell phone and heated seats in my vehicles, electric in-floor radiant heat in my homes, not to mention the EMF/EMR I was constantly exposed to in my working and living environments. In retrospect, were it not for an excellent medical team and for my wife's tireless attention and extraordinary nursing skills, and for her stubborn determination not to let me go, I would not be here today fighting this “greatest crime-ever” in the history of humanity.


James Gerald 'Jerry' Flynn