

January 22, 2017

Sent via Courier

The Honourable Jane Philpott, PC, MP.  
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Dear Health Minister Philpott,

### **Rogue Scientists in Your Ministry Are Lying to You!**

Your credentials as a family physician are beyond reproach, but the world's scientific community knows that you, as Canada's newest Health Minister – like each and every one of your predecessors - lack any meaningful understanding of the biological and health consequences humans experience when chronically exposed to today's ubiquitous man-made pulsed, **NON-thermal** electro-magnetic field (EMF) radiation, e.g., Alzheimer's Disease, autism and cancers being but three examples. [1] Militaries have known the dangers of **NON-thermal** EMFs and the illnesses they cause for at least 50 years!

Microwave technology was pioneered by the major militaries of the world well before World War II, but their interest in it spiked dramatically with the discovery of radar, which uses microwave frequencies (those in the 300 MHz to 3 GHz range) - as do all of today's consumer wireless products/devices including 'smart' meters and 'smart' appliances, etc. Civilian exploitation of microwave technology (e.g., the microwave oven, which originally was called a "radar range") was done with the US government-military-industrial complex's complete support and endorsement.

Tragically, too few people listened, in 1961, when then U.S. President Dwight D. Eisenhower warned the American people to be on guard against the emergence of a US Military-Industrial Complex! Consequently, today, it is unlikely that a single elected health official in any Western country has even a modicum of knowledge about EMFs! In Canada, Provincial Health Officers are pathetically ignorant of the whole subject, leaving them no recourse but to simply echo whatever Health Canada's rogue EMF 'experts' say about EMFs and/or wireless technology. Similarly, Canada's Health Ministers are also obliged to take guidance and direction from these same rogue industry officials - who are self-regulated and purely profit focused! Respectfully, not a single health authority in Canada has the requisite education and/or expertise to protect the legitimate health and safety concerns of the public!

The truth is that the US military is knowingly and consciously sacrificing the unsuspecting citizens of USA, UK, Canada, Australia & New Zealand, for two reasons: 1) because it fears the Soviet Union; and, 2) it needs to protect the electronics industry on which it now depends"! [2]

### **My Bio**

I am an 81-year old retired Canadian Armed Forces captain 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 (NDHQ) Ottawa, in the Directorate of Electronic Warfare (DEW). In EW I worked closely with U.S. and NATO armies; attended a major NATO army EW officers' course in Anzio, Italy, and participated in a major NATO army EW field exercise in Germany. I accepted invitations to visit both the U.S. Pentagon and, subsequently, Fort Bragg, North Carolina (the US Army's principal EW base). Earlier still, I conducted Radio Warfare/EW at sea aboard two Canadian warships. In SIGINT, I was the Executive Officer and Operations Officer for two years at one of Canada's largest and most sensitive radio intelligence-gathering stations, where I employed some 200+ specially-trained radio operators who conducted both COMINT and ELINT under my direction. Throughout this period, I worked closely with the USA's NSA and Britain's GCHQ. For the past eight-plus years I have worked tirelessly to expose today's lies!

**Definition.** 'Radiation,' in this sense, means 'energy' in the form of electric and magnetic fields (EMF) which travels at the speed of light. The two basic types are: 1) Radio Frequency or RF EMF (RF includes microwave frequencies), which are emitted by all consumer wireless products/devices as well as 'smart' meters and 'smart' appliances; and, 2) Extremely Low Frequency or ELF EMF, also known as Powerline (60 Hz) Frequency EMF, which are present in anything in which 60 Hz alternating current electricity flows, e.g., in overhead power lines, substations, distribution lines, 'smart' meters, household electricity and appliances, electric vehicles, tools, etc.

Historically, all Western countries have taken their lead from the US military (who refuse to acknowledge the existence of **NON-thermal** EMFs). For them to do otherwise would be an admission on their part that today's consumer wireless products as well as 'smart' meters, 'smart' appliances, etc. all emit **NON-thermal** EMFs, which overwhelming evidence has long shown shows causes, promotes and/or or is linked to most modern illnesses today! Tragically, North America's mainstream news media elected some 60 years ago to adopt a position of silence on this entire issue. Now there is simply too much money at stake, in terms of the wireless and telecom and electric power industries and the economies they support.

### **Military History - Which All Health Authorities Need to Know**

In the 1950s, fearing that they might be surpassed by the USSR in weapons technology, the US military had concluded that a third world war could not be led successfully, when military technology based on radiofrequency radiation is hampered by low safety limits. (The US military feared the Communist-bloc countries who, decades earlier, had

established 'safe' Exposure Limits for both **THERMAL** and **NON-Thermal** EMF, would not restrict themselves to their current 'low safety limits' in the event both sides faced off in an all-out Electronic Warfare battle! Hence, in 1953, the US military adopted its current dangerously high 'safe' exposure limit of 10,000,000  $\mu\text{W}/\text{m}^2$ , which was – and still is - based strictly on the **thermal** effects of RF radiation on people! [3] [4] [5]

This '**thermal-only**' limit was determined by Dr. Herman P. Schwann who, himself, consistently maintained was probably not safe for more than one hour! Yet in 1966 this became the basis for the present IEEE C95.1 safety standards throughout the western world – including Health Canada's reviled Safety Code 6! [6]

The US Government-Military-Industrial Complex has gone to considerable pains to ensure that the public does not know that for 23 years (1953 to 1976), the Soviet Union irradiated the US Embassy staff in Moscow with pulsed **NON-thermal** microwave radiation – the same kind that is emitted by today's wireless devices - which Health Canada continues to tell Canadians are perfectly safe - e.g., baby monitors, cell phones, cordless phones, Wi-Fi routers, laptop and tablet computers, GPS, Bluetooth, Wi-Fi and Wi-MAX zones, etc. plus 'Smart' meters, 'smart' appliances, etc. Not only did the Soviets use the same frequencies (*in the 1-5 GHz band – which are known to be the most lethal frequencies to be used against humans, as they penetrate all organ systems of the body, thus putting all organ systems at risk!*), they also used 'pulsed' modulation and even emitted much lower (weaker) levels of EMF! Shockingly but true, the Embassy staff were not told by the USA for at least 10-15 years that they were being microwaved, because the US military wanted to see for themselves what effects pulsed **NON-thermal** EMF had on humans! Two consecutive Ambassadors died of cancer! A third developed flu-like symptoms from which he too died. Others developed leukemia, and at least 16 women developed cancers. Many other Embassy staff came down with a multitude of illnesses! [7]

In 1955, the US Air Force reported the first symptoms of EHS (electro-hypersensitivity)! Personnel experienced "a tinnitus or ringing of the ears (a symptom of electro-hypersensitivity or 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 the cause.* [8] First reported by German scientists in the 1930s, EHS was then called Microwave Sickness. While many countries now recognize EHS, no Western country will, for fear that it could shut down their extremely lucrative wireless and telecom industries (all of which now saturate our planet's environment with ever-more **NON-thermal** radiation - - which, in turn, causes more people to be EHS)!

In 1956, the US Dept. of Defense directed the U.S. Army, Navy & Air Force to investigate the biological effects of exposure to RF (radio and M/W) frequency. In 1957 they reported many implications: serious damage to the eye, evidence it can cause cancer, damage to major organs and disruption of important biological processes. Pulsed radiation appeared to be more harmful than non-pulsed radiation. [9]

The Global War on Terror! Since about 1960, the USA has operated or controlled between 600 and 800 military bases worldwide; controlled more than 191 governments, and has US troops in over 156 countries! [10] One should infer from this that the USA and its military allies long ago adopted the same egregiously high **thermally**-based exposure levels that ignore the public's legitimate needs for protection from **NON-thermal** radiation emitted by M/W radiation!

1960s – RF EMFs - Central Nervous System. Soviet scientists report 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. [11]

In 1962, the USA's "Project Pandora" demonstrated that very small amounts of electromagnetic radiation (also called EMF) could appreciably alter the functions of living cells." "...pathological effects close to those induced by highly toxic substances could be produced by electromagnetic radiation even at very low power" low-level electromagnetic fields, modulated to be similar to normal brainwaves, could seriously affect brain function. [12]

In 1964 Dr. Milton Zaret was one of the first scientists to speak out about the dangers of M/W 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! [13]

1965 - Children born to fathers who were military radar operators had significantly higher incidence of Down's syndrome! [14]

In 1965 - Ford Motor Company's own study noted in particular that microwaves damage the Central Nervous System! [15]

1966 - IEEE/ICES – The Institute of Electrical and Electronics Engineers have influenced world standards since 1966 through its internal committee, ICES (International Committee on Electromagnetic Safety), whose members include the U.S. Army, US Air Force, Motorola, Nokia, Siemens, Alcatel-Lucent and Bell! In 2006, ICES even suggested raising the 'safe' Exposure Limits higher! [16] Yet these same military-derived standards were the basis for today's 'safety' standards – which are used throughout the Western world – including Health Canada's Safety Code 6!

In 1968, then US President Lyndon Johnson, in his State of the Union Address, 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. [17]

1969 – “Microwaves – Their Biologic Effects and Damages to Health”! The “Richmond Conference” (the final of 11 large conferences in the USA from 1955 until 1969) presented such overwhelming evidence of gastric bleeding, leukemia, chromosome breakages, cancer, and clouding of the eye lenses. It stressed that “brain functions were especially sensitive to RF EMF” New York Times, January 18, 1968 Public Law 90-602, Oct 18, 1968 [18]

Throughout the 1970s, approximately two of every three research dollars spent on RF bio-effects research can be traced to the US navy, air force or army. With this support inevitably came control. [19] (Note: publicly-funded studies were sharply curtailed in the mid-1990s.)

In 1971, Naval Medical Research Institute claimed that the US military had by then compiled 2300 reports on the biological responses to radio and microwave frequency (RF/MW) radiation - - which paid particular attention to the effects on man of non-ionizing radiation at these frequencies. [20]

In 1971, then US President Nixon’s own EMR Management Advisory Council warned that: “Power levels (i.e., EMF) 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. [21]

More evidence of lies! The U.S. has known since at least the 1970s that **NON-thermal** radiation harms the immune and nervous systems, behavioral effects, ability to learn, damages the chemical barrier that prevents blood toxins from entering the brain; possibly causes genetic defects, birth defects and general effects on growth and aging processes! [22]

1974 - RF/MW Radiation and Cardiovascular Disease. One Soviet study of 100 patients exposed to radiation for periods ranging 5-15 years concluded it is a PROBABLE cause of cardio problems. A smaller group exposed for shorter periods also experienced cardio irregularities! [23]

In 1975, the U.S. Defense Intelligence Agency warned its own personnel of the risks from low level EMR including: microwave sickness or EHS (flu-like symptoms, depression, suicidal tendencies) to cancers and leukemia [24]

In 1975, the US Military’s Tri-Service EMR Bioeffects Research Plan said: “*Lower ‘safety’ standards (will significantly restrict the military use of EMR (wireless technology) in peacetime and require the procurement of substantial real estate around ground-based EMR emitters to provide buffer zones.*” (They’d require an estimated 498,000 acres at a cost THEN of many billions of dollars!) [25]

In 1976, the US military knew that exposed personnel experienced more neurological, cardiovascular, and haemodynamic disturbances than unexposed personnel. Most common symptoms: headache, fatigue, perspiring, dizziness, menstrual disorders, irritability, agitation, tension, drowsiness, sleeplessness, depression, anxiety, forgetfulness, and a lack of concentration.” [26]

In 1976 – Sworn to Silence – the US 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! [27]

By 1977 the US Army knew mobile phone radiation was dangerous! US scientists had duplicated Russian experiments using mobile phone microwaves to show weakening of the blood-brain barrier, but this research was not made public for many years. [28]

*In 1977, investigative journalist Paul Brodeur shocked North America with his explosive best-seller: “The Zapping of America - 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.” [29]*

The US EPA (Environmental Protection Agency) had been aware, since 1978, that NO ‘safety’ guidelines existed to protect the public from chronic exposure to **NON-thermal** EMF and was prepared to establish appropriate guidelines. But its efforts were blocked - for over 17 years! EPA’s proposed new guidelines stated explicitly that: “*Current guide lines protect only against THERMAL EMF, and did not apply to chronic, NON-thermal exposure situations.*” “*Since the deployment of wireless technologies depended on the premise that there are no NON-thermal effects, EPA’s efforts threatened the very existence of this fledgling industry.*” [30]

c-1979, the US Environment Protection Agency (EPA) estimated that if the Soviet RF Exposure Limit of 1  $\mu\text{W}$  for the public (instead of the US’ 10,000  $\mu\text{W}$ ) was adopted here, over 90% of U.S. FM stations would have to be shut down! [31]

In 1979, the Canadian Government’s (Drs. M. Repacholi and M. Stuchly) proposed lowering the ‘safe’ RF exposure limits for the general public to non-ionizing because of the ill effects American embassy staff experienced in Moscow (1953-1976) [32]

The most dangerous/lethal frequencies to mankind are those within the band 700 MHz to 1,000 MHz, because they interact most efficiently with human tissue to yield the greatest energy absorption! Yet to-day’s Cell Phones and ‘smart’ meters operate within this very range! [33]

1980 – 1985. Polish Military. New electronic equipment introduced in this period saw a doubling of the incidence of all cancers, tripling of alimentary tract cancers, and a 6-fold increase in blood and lymphatic cancers in 20-59 year-old personnel exposed to RF or M/W radiation. [35]

In 1982, US scientists knew there were **Non-thermal** effects and hazards, but were silenced by the U.S. Department of Defense (DOD) out of fear they would lose funding. [35]

In 1982, the American National Standards Institute recommended lowering radiation limits: RF (100 kHz-300 MHz) to 1,000  $\mu$ W and the M/W (300 MHz-300 GHz) to 5,000  $\mu$ W. This was the 1st semi-official admission that non-thermal effects do exist! [36]

In 1984, Dr. Michael Repacholi, while at the Royal Brisbane Hospital in Adelaide, South Australia, was selected by the WHO/IRPA (International Radiation Protection Agency) to Co-ordinate an international study to determine what should be 'safe' Exposure Limits for ELF EMFs. The study focused on electric rather than magnetic fields. [37]

In 1986, Eldon Byrd, a scientist for the US Naval Surface Weapons Centre with Project Pandora (1954-1971), said about M/W radiation then: '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...' [38]

In 1990, then U.S. President Ronald Reagan authorized Top Secret project "Sleeping Beauty" - mind control, using frequencies to disrupt the human nervous system (CNS); unhinge a man's mind; paralyze ability to reason and react; cause rage, panic and lethargy. [39]

1990 – A US EPA draft report urged EMFs be classified a "Probable Carcinogen" based on dozens of epidemiological studies linking EMFs to serious health problems including Leukemia. Industry pressure forced EPA to remove the recommendation. [40] [41] [42]

1990s - **Non-thermal** EW weapons. The US military admitted to looking for EMF weapons based on **non-thermal** bioeffects! [43] [44]

Mid-1990s - Frequency spectrum sales: government and industry began partnership. This gave governments \$100's of millions of dollars in new revenue! Industry paid 10% down; remainder was paid from future revenues! [45]

In 1994, a U.S. Air Force study confirmed existence of **NON-thermal** EMF effects, including alterations to the central nervous system and cardiovascular system. [46]

Sept. 13, 1995 – Corruption in U.S. Senate - EPA's own research caused them concern about EMF; they wanted to establish guidelines to protect the public, but the U.S. Senate Committee on Appropriations stated: "... EPA should not engage in EMF activities" and cut EPA's budget drastically! [47]

1996 - German review of 878 Russian Studies vanishes! The German Federal Institute for Telecomm commissioned Professor Hecht to review the Russian studies from 1960

to 1996 about the health damaging and biological effects of RF EMFs. Produced in 1997, their review of 878 scientific studies contained such overwhelming proof in its conclusions about dangers that it 'immediately disappeared into the archives!' [48]

The 1996 Telecommunications Act. One key provision allowed the FCC (who lobby on behalf of the telecommunications industry companies) to pre-empt state or local legal requirements that acted as a barrier to entry in the provision of interstate or intrastate telecommunications service. With the enactment of this bill, states and municipalities within the USA could no longer stop telecom companies from installing cell/radio towers on the basis of health concerns. [49]

In 1996, the FCC adopted regulatory standards created by industry and the military that failed to protect the public from **non-thermal** risks. Eighteen years later the same inadequate standards persist. These standards not only fail to protect users from **non-thermal** exposure to microwave radiation, they do not protect users from the greater risks observed in this 1988 US Air Force review of the science from exposure to the pulsed signals later utilized by cell phone and Wi-Fi technologies. [50]

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." [51]

2000 - HAARP and Human Brain - the ELF waves which HAARP can produce, include the exact same dominant frequencies on which the human brain functions. As mentioned earlier, these waves have a documented effect of entraining the human brain to induce negative emotions such as anger, fear, disgust, rage, and depression! [52]

2000 – Corruption, crimes against humanity! "..... the **thermally-based** guideline is being defended at all costs, even at the cost of putting public health severely at risk all around the world. [53]

2000 - Salzburg Resolution! European scientists recommended the maximum RF exposure for humans to be no more than 1/10th of one microwatt cm<sup>2</sup>. In the U.S. RF exposure limits are 1,000 microwatts cm<sup>2</sup>, with 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 and wireless industries.

2004 – US Arms Industry Influence on White House Policies! Senator *John McCain*, Chairman of the Senate Commerce Committee best summed it up, "... *we have seen compelling evidence that there is an incestuous relationship between the defense industry and defense officials that is not good for America.*" [54]

In 2005, Dr. Michael Repacholi was once again invited by the WHO to establish 'safe' EHC (Environmental Health Criteria), this time for the electric utility industry globally. [55]

2014 - FCC's new Chairman, Tom Wheeler, a major fund-raiser for Pres. Obama and, before that, the Clintons, and a career lobbyist for both the *National Cable and TV Assn* and the *Cellular Telecom and Internet Assn* (which he headed up 1992-2004). During his stint at the CTIA, his own scientists told him that cell phones were causing brain tumors. He buried the data and fired the scientists! [56]

ICNIRP gets most of its funding from industry and most of its members are engineers who believe that only **thermal** EMF can cause people adverse biological and/or health effects.

2014 – The corruption continues! The 650-page World Cancer Report 2014 produced by the WHO's International Agency for Research on Cancer'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 DEFINITE cause! [57]

2014 – Lobbying money! In all, CTIA, Verizon, AT&T, T-Mobile USA, 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 CRP data. [58]

2015 - The revolving door between the FCC and industry! Tom Wheeler, former Head of CTIA & 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. [59]

Informed people know that, globally, there is a relatively small family of 'industry' EMF scientists who dutifully promote and defend the US Military's scientifically indefensible position on **THERMAL** EMF 'radiation.' Some of the most outspoken of these include: 1) past/current Health Canada EMF scientists such as: Drs. Maria Stuchly, Michael Repacholi, Daniel Krewski, Art Thansandote; James McNamee and Mary McBride (MSc not PhD). 2) Arguably Europe's pre-eminent EMF scientist, Dr. Anders Ahlbom, of Belgium (who was Chairman of the WHO's expert working group on the epidemiology of cell phone radiation when he was forced to step down when it was learned that he had co-founded his brother's consulting firm which catered to the telecom industry)! Earlier this same Dr. Ahlbom had assisted Dr. Michael Repacholi in establishing ICNIRP's original 'safety' Exposure limits for RF EMFs in 1998 – which proved to be very similar to those which Dr. Repacholi had previously helped establish for Health Canada, then the WHO and finally for ICNIRP! 3) Other tireless champions of the US military's much higher (industry-friendly) 'safe' exposure limits for **thermal** effects of M/W EMF include: Germany's Dr. Alexander Lerchl. Drs. Richard Tell (ICES member), William F. Bailey (ICES member), Mays J. Swicord (ex-Motorola, now CTIA member), Joe Elder (CTIA member), John Moulder (ICES member), K. R. Foster (ICES member), Maria Feychting (ICNIRP); Leeka Kheifitz (WHO, EPRI, ICNIRP); Emilie van Deventer – who succeeded

her boss and mentor at WHO, Michael Repacholi (ICNIRP and WHO); and [60] British heavyweight Prof. Anthony J. Swerdlov (who had to resign as head of the Britain's HPA's AGNIRP due to conflict of interest – he and his wife both had significant ownership in several major UK telecom companies.

2016 – Health Canada is still wed to ICES – to the peril of all Canadians! Health Canada's recently retired senior EMF Scientist, **Dr. Art Thansandote**, remains on as Co-Chairman of Sub-Committee 4 (which he has held for more than 10 years). Remember, this is **THE** group responsible for establishing Exposure Limits for the USA! FCC simply adopts ICES' 'safety' limits and promulgates them to the world as if they had been determined by the FCC. [61] [62]

### **Sample Protests From Around the World**

Since Aug. 2015, more than 140 physicians, scientists and public health professionals from around the world have expressed their concern about the risk that wireless radiation poses to pregnancy. They urge pregnant women to limit their exposures! [63]

*On July 9, 2015, 53 EMF scientists from 18 countries condemned Safety Code 6 and called on Health Canada to intervene to help avoid "an emerging health crisis"!* [64]

Since May, 2015, 223 of the world's top EMF scientists – from 41 countries – have signed the "International EMF Scientists Appeal". Addressed to the Secretary General of the United Nations, to all UN-member countries, and to the Director General of the World Health Organization, it urged them all to: "Protect Humans and Wildlife from electromagnetic fields and wireless technology"? [65]

In January, 2015, the Government of France broke with ICNIRP and the WHO in order to establish its own national health regulatory agency. In doing so, France immediately banned Wi-Fi in all kindergartens across the nation! Those higher schools having Wi-Fi were advised to turn the Wi-Fi off when not actually in use!

*In 2015, the "safety" standards in Canada and the US were written by the 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!* [66]

On Sept. 28, 2014, 55 Canadian doctors condemned Safety Code 6 and called on Health Canada to protect Canadians from Radiofrequency Radiation Exposure! [67]

As of 2012, more than 3,000 German doctors have signed the International Doctors'

Appeal (10 years after they had signed the “Freiburg Appeal” in 2002) reiterating that: “We as physicians and scientists call again on our colleagues and the wider global community, but also on all politicians around the world”? [68]

Since the 1930s, a body of more than 6,000 studies has been accumulated producing an overwhelming conclusion that exposure to microwave and electromagnetic fields is significantly harmful to all life and health itself. [69]

Forty years ago, before **NON-thermal** EMF ‘radiation’ from RF and Powerline frequency EMF were known to be hazardous to humans and all forms of life, few people had heard of: anxiety disorders, ADD, ALS, Alzheimer’s disease, asthma, autism, breast cancer, birth defects, cataracts, chronic fatigue, diabetes, dizziness, dry lips, epilepsy, eye pain, fibromyalgia, flu that won’t go away, headaches, hearing loss, heart attacks, hypothyroidism, insomnia, malignant melanoma, memory loss, miscarriages, multiple sclerosis, nausea and headache, neurological diseases, pressure or pain in the chest, shakiness, sleep disorders, swollen throat, testicular cancer, tinnitus, strokes in young people, etc. Today, few families have not suffered and/or are not now suffering from one or more of the above!

The biological and medical effects of EMF radiation, are well documented – more thoroughly, in fact, than the effects of asbestos, DDT, dioxins, or PCBs. But little of this information ever reaches elected officials or the public. [70]

North America’s mainstream news media have remained largely silent on this whole RF and ELF EMF radiation issue for at least the past 50 years! [71][72]

### Conclusion

RF and ELF technologies both benefitted enormously from the exigencies of World War III! While the Soviet and Eastern Bloc countries established separate ‘safe’ exposure limits to protect their public and workers from both thermal and **NON-thermal** EMF, Western countries, led by the USA, chose instead to sacrifice the general public in favour of protecting its National Security and to facilitate the growth of the nascent technology industries! As a consequence, in 1966, all Western countries adopted what are today’s dangerously high ‘safe’ radiation Exposure Limits - which protect only against **thermal** M/W radiation! The truth has deliberately been suppressed by Western countries in favour of military interests and unprecedented corporate and government profits which these countries now enjoy!

Western countries also exploited the offices of the WHO to ensure that their electric utilities and military radar/communications installations would not be obliged to purchase additional land around their infrastructure installations in order to provide

greater (safer) 'buffer' zones between residential areas, schools, playgrounds etc. and industrial/military facilities.

Such a callous disregard for the public's health, well-being and safety calls for an exhaustive international criminal investigation at the highest possible level, for this truly constitutes a heinous crime against humanity!

Clearly Canada must reassert itself as a sovereign state, one that is free from interference and/or undue influence from the USA or any other country!

The elected Government of Canada must, in future, make its own decisions that impact on the health, safety, security and well-being of all Canadians. No longer must it allow Industry to lead! For this to occur, the structure of government must change (be augmented) such that it will possess its own requisite EMF expertise and staff in-house.

Canada must immediately apply the "Precautionary Principle" in schools, public buildings, residential developments, places of work and other areas frequented by the public where man-made EMFs impact on humans, flora and fauna. In the immediate term, Canada must seek the advice and recommendations of the International EMF scientific community!

Canada must immediately impose the "ALARA" principle on all radio transmitters now operating in Canada, i.e., compelling them to operate using "as low as reasonably achievable" level of power.

Canada's Industry must immediately cease installing any new ELF and RF EMF infrastructure anywhere in Canada until such time as Canada has an opportunity to determine for itself what the International EMF scientists community considers are 'safe' buffer zones for the public.

Canada must immediately stop its insane construction of a wireless 'smart' meter-based electric power grid and replace it with a proven hard-wired technology. Nothing is more vulnerable to attack, less-secure and exploitable than a wireless technology! Contrary to what Canada's current Minister or National Defense says, the country's national security has never been more at risk than it is today for that reason! In addition, Smart' meters are the quintessential Trojan Horse robbing every home of its entitlement to privacy!!

At every level, Canada's health-care authorities and providers (physicians and nurses) in both traditional and alternative medicine, unions, insurance companies, etc. need to be educated about the dangers of EMFs. This includes all medical schools, national and provincial medical associations, provincial health officers, etc.

Canada desperately needs a true and open "Free Press," one which ensures that Canadians are kept fully aware of global issues and know how other governments are addressing them. In this regard, CBC has failed Canadians badly.

Minister Philpott, most people would conclude that Fate has been unkind to you at this time in your otherwise unblemished career. Others though, like me, hope that your own moral engine and sense of justice will not allow you to sit idly by, now that you finally know the ugly truth! Here is your chance to indelibly inscribe your name in the history books for being the first Minister of Health with the integrity and temerity to stop this crime against humanity! In all matters related to ELF and RF EMF, all countries of the world must heed the counsel of the international EMF science community.

Sincerely,

James G. ("Jerry") Flynn, Captain (Retired)  
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