Global Union Against Radiation Deployment from Space

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Congressional Corruption Threatens American Health

Technology, aerospace, and telecommunications corporations are all rushing to saturate the planet with microwave radiation—a class 2B carcinogen. Microwave radiation is the invisible platform that allows modern wireless devices, including cellphones and WiFi to communicate. Microwave (MW) radiation is part of the radio frequency (RF) portion of the electromagnetic spectrum.

A citizen action group—Global Union Against Radiation Deployment from Space (GUARDS)—contends that these projects, which include projects by SpaceX, Facebook, and Google's Project Loon, violate important human rights conventions due to the serious biological effects and involuntary nature of exposures. Catherine Kleiber, a GUARDS member puts the blame squarely on the US House and Senate: "Congress, under pressure from industry lobbyists ended EPA research into health effects of radiofrequency radiation and passed the Telecommunications Act prohibiting any state, municipal or citizen from questioning, objecting to or refusing any telecommunications project for health or environmental reasons. Our legislators could have said no but gave in to industry as usual."

Projects to launch and replace thousands of satellites to provide worldwide Internet service will blanket the earth with harmful pulsed microwave radiation, destroy ozone and worsen climate change due to the emission of black soot from so many rockets. Combined with the detrimental environmental effects RF radiation has on both flora and fauna, including bees, these global wireless projects may lead to environmental devastation and even widespread starvation.

RF radiation limits are now the sole responsibility of the Federal Communications Commission (FCC), which is the subject of a recent report published by Harvard University's Edmond J. Safra Center for Ethics—<u>Captured Agency: How the Federal Communications Commission Is Dominated by the Industries It Presumably Regulates by Norm Alster. On February 7, 2014, in reference to these very RF radiation limits, the U.S. Department of Interior (DOI) stated, "the electromagnetic radiation standards used by the Federal Communications Commission (FCC) continue to be based on thermal heating, a criterion now nearly 30 years out of date and inapplicable today." This is unfortunate for the American public, but not surprising, since the FCC is not a health and safety agency and has no in-house personnel qualified to research and set RF radiation safety limits.</u>

In 1993, the Environmental Protection Agency (EPA) wrote a scathing criticism of the FCC's proposed RF/MW radiation limits . In June 1995, the EPA announced to the FCC that it would be releasing its own RF/MW radiation safety limits in early 1996. An internal EPA memorandum regarding a meeting with the FCC and the NTIA makes it clear that the EPA was also initiating a process to develop initial regulations pertaining to chronic RF/MW radiation exposures and non-thermal RF/MW radiation effects within a two-year time frame. But, after industry lobbying, on September 13, 1995 the EPA Radiation Division that drafted the regulations was de-funded by the Senate Appropriations Committee, which also wrote, "The Committee believes EPA should not engage in EMF activities".

In 1996, telecom industry lobbyists succeeded in getting The 1996 Telecommunications Act passed. This Act prohibited states, municipalities and citizens from objecting to the placement and construction of wireless communications facilities (antennas) for reasons of health or the environment and assigned the FCC to be the sole regulator of "safety" related to wireless RF/MW radiation-emitting technology.

"It is time for Congress to take their responsibility to protect the health and environmental security of Americans seriously and to put the EPA in charge of setting RF radiation safety limits that will truly protect the American public. Congress must stop these dangerous projects that intend to irradiate the entire continent with RF radiation before they start. Non-wireless Internet and communication technologies are available and can always be improved." said Marcey Kliparchuk a spokesperson for GUARDS.

In the years since the EPA was prevented from developing biologically-based RF radiation exposure limits, millions of Americans have begun to experience effects that are well documented in the medical literature to result from exposure to radiation emitted by wireless technology—including headache, sleepiness, cognitive impairment, fatigue, depression, anxiety, facial flushing, skin rash, asthma, cardiac arrhythmia, easy bruising, infertility, insomnia, neurological disease and cancers (breast, lung, brain, lymphoma, leukemia, melanoma, and others).

In the culmination of a process begun in 1999, The National Institute of Environmental Health Sciences finally contracted in August 2005 to have toxicology research performed to assess the cancer risk and other biological effects of wireless radiation in lab animals. The results have still not been released years after completion of the research.

Over 200 scientists researching the biological and health effects of exposure to radiation from wireless devices and other sources of EMF have submitted a formal Appeal to the United Nations because "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."

GUARDS is an international coalition against global WiFi from space, a complex technology of radiation and toxic chemicals endangering all life on Earth.

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Resources

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<u>Captured Agency: How the Federal Communications Commission Is Dominated by the Industries It Presumably Regulates http://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf</u>

Department of Interior on FCC RF limits http://www.ntia.doc.gov/files/ntia/us_doi_comments.pdf

EPA comment about proposed FCC RF limits http://www.StopGlobalWiFi.org/documents/epa to fcc 3nov 93.pdf

EPA letter to FCC http://www.StopGlobalWiFi.org/documents/epa2.pdf

EPA internal RF safety limits memorandum http://www.StopGlobalWiFi.org/documents/epa1.pdf

Silent Wireless Spring http://www.cellphonetaskforce.org/wp-content/uploads/2011/10/silentwirelesspring.pdf

Microwave News - Institute of Environmental Health Secrets: NIEHS Mum on \$25 Million RF Animal Project http://microwavenews.com/news-center/ntp-rf-animal-studies

EMF Scientists Appeal to the United Nations www.EMFscientist.org