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Dr. Charles Rosenfarb
Medical Services
Department of State

Dear Dr. Rosenfarb,

I submit for consideration an item making the case that health problems in U.S. diplomats in Cuba are the result of radiofrequency/ microwave radiation.

Brief Summary: It is urged that attention focus on pulsed radiofrequency/microwave radiation as the cause of health effects reported in U.S. diplomats in Cuba, which may aid in identifying causative devices and culpable actors, protecting future diplomats and treating past ones. This proposed cause accounts for the prominence of auditory symptoms of tinnitus and hearing loss; for each of the other symptoms reported and their protean nature; for abnormalities cited such as brain swelling, and via a phenomenon called the "Frey Effect," for the peculiar noises - chirping, ringing and buzzing - heard by some diplomats. Russia reportedly used microwave radiation on the US embassy in Moscow, in the 1950s-80s.

Credentials to comment:

My training includes physics (BS summa cum laude age 19), medicine (MD, internal medicine residency, chief resident, 20 years clinical experience), biology (PhD), and research methods (Robert Wood Johnson Clinical Scholarship, graduate coursework and consultancy work at RAND).

My research focus is on health conditions caused by "oxidative stress" ("free radical" damage that "antioxidants" defend against) and the intertwined mechanism of injury to "mitochondria" (the energy producing parts of cells). A large body of evidence shows that radiofrequency/microwave radiation causes oxidative stress (and mitochondrial injury), and evidence supports a role for these mechanisms in health effects from radiofrequency radiation.

Thank you for your kind consideration.

Sincerely,

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