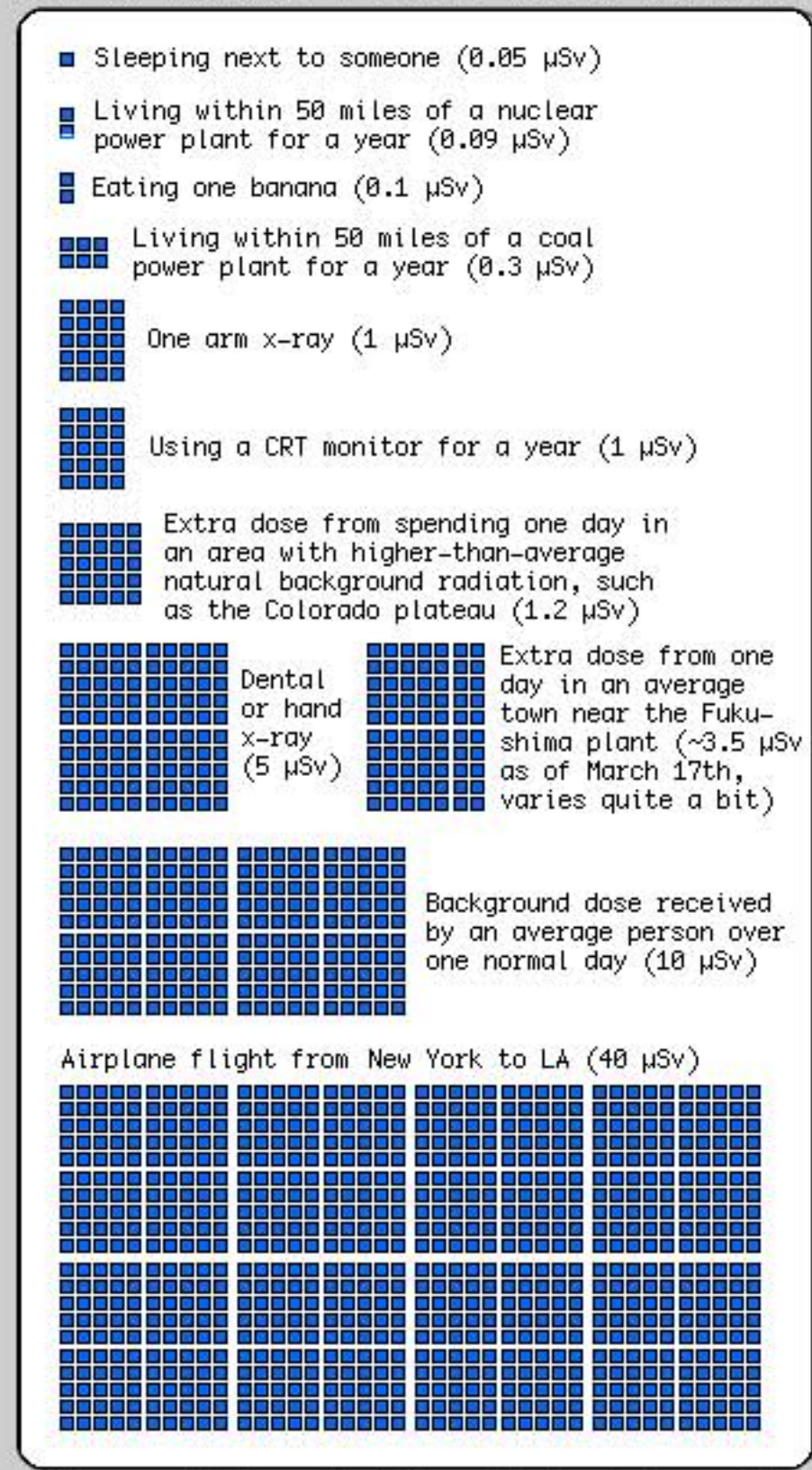
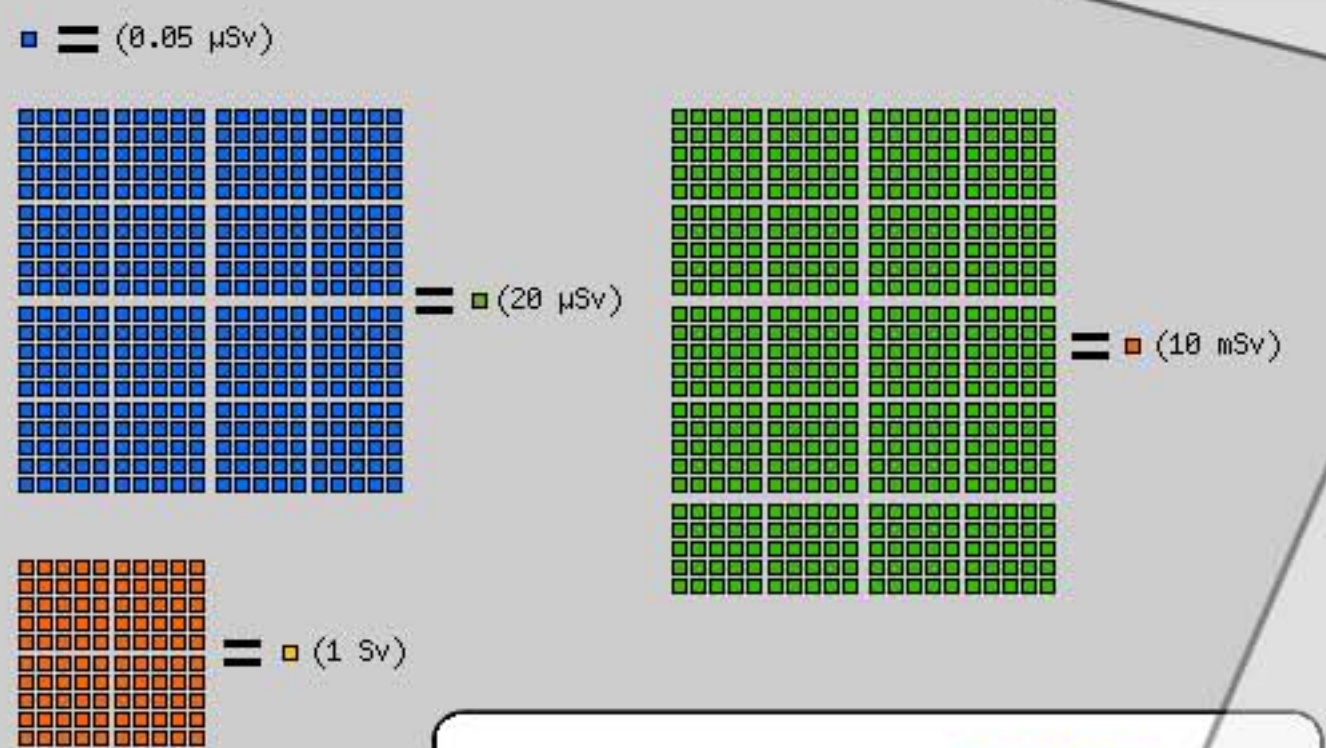


# Radiation Dose Chart

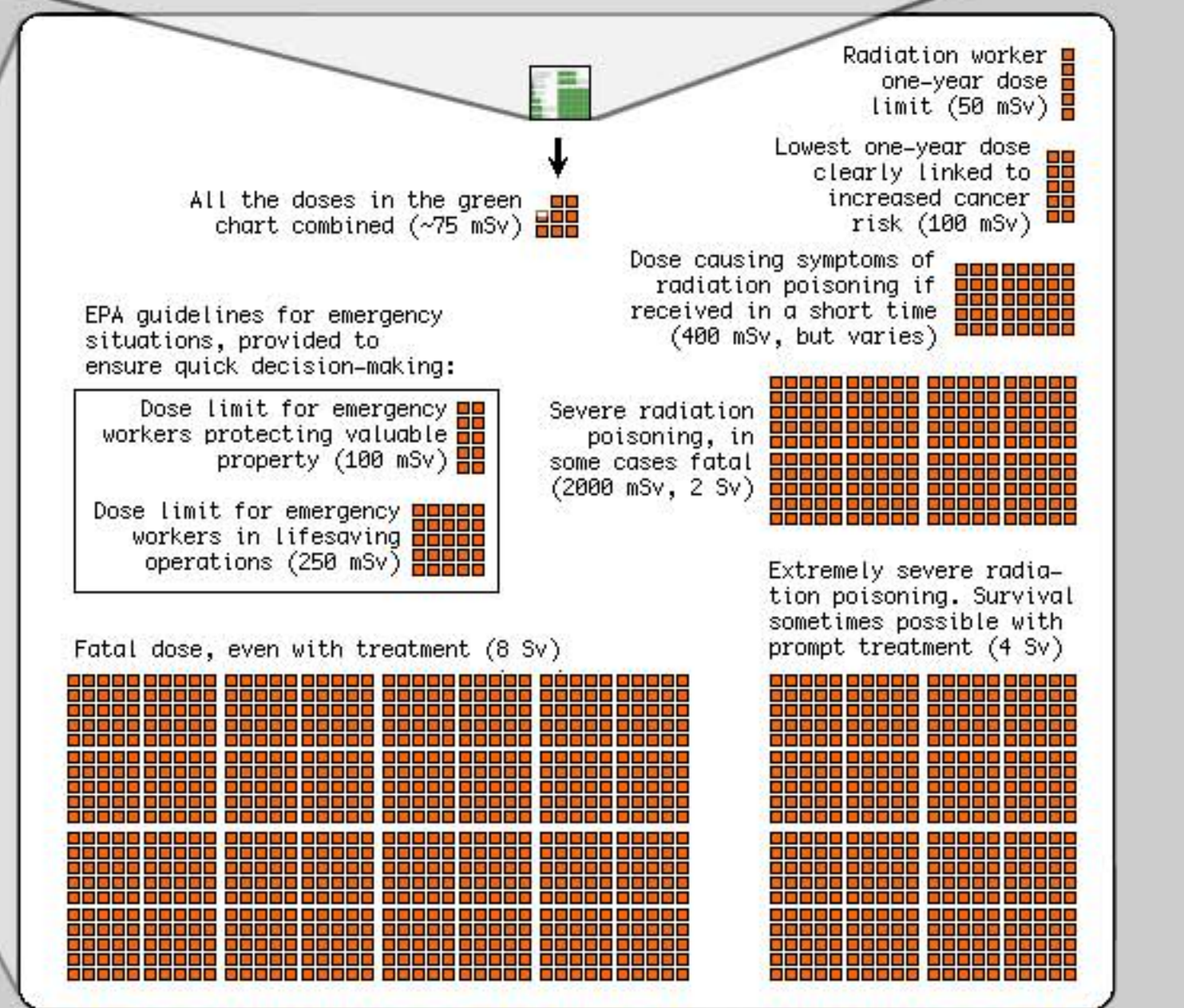
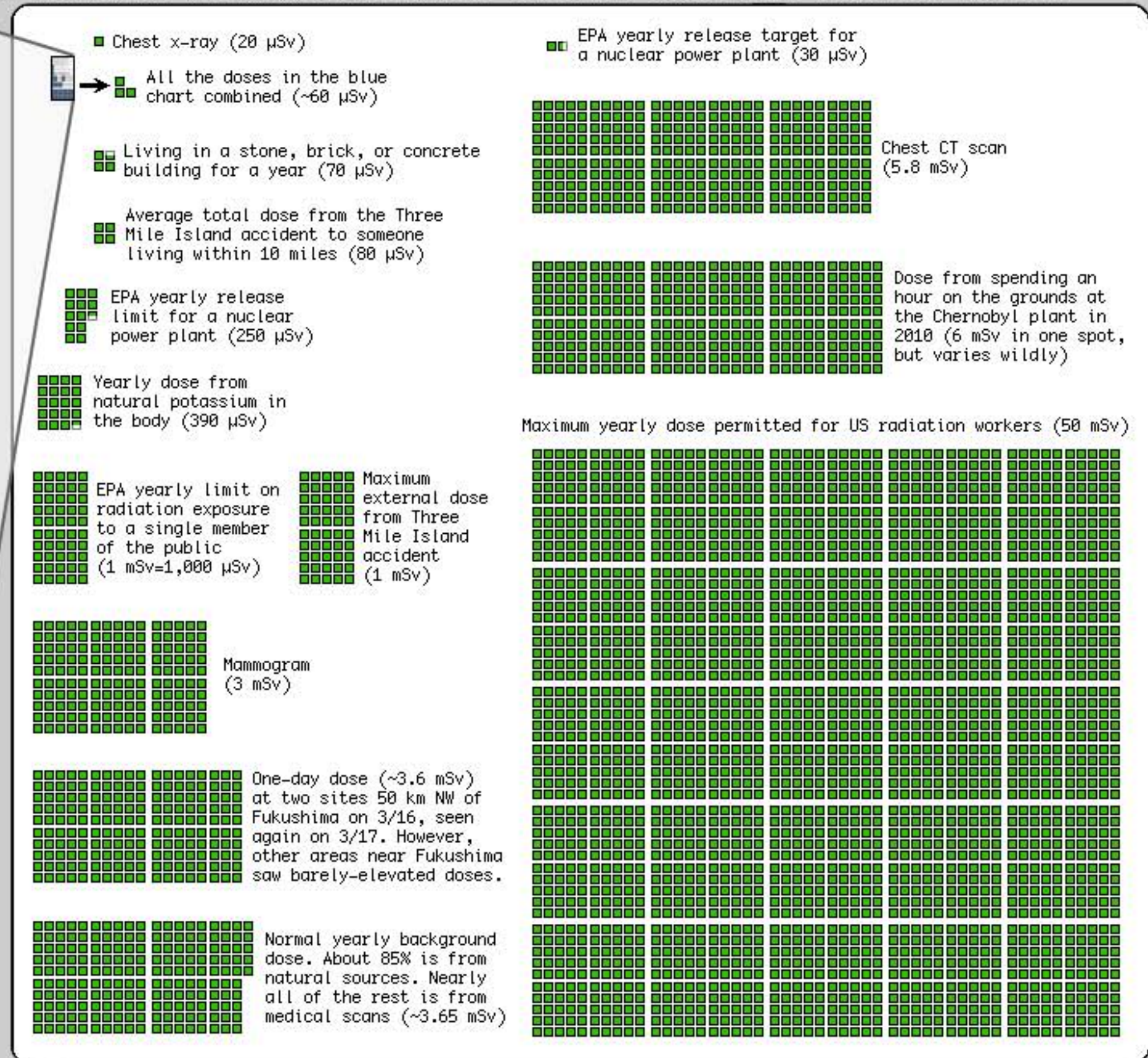
This is a chart of the ionizing radiation dose a person can absorb from various sources. The unit for absorbed dose is "sievert" (Sv), and measures the effect a dose of radiation will have on the cells of the body. One sievert (all at once) will make you sick, and too many more will kill you, but we safely absorb small amounts of natural radiation daily. Note: The same number of sieverts absorbed in a shorter time will generally cause more damage, but your cumulative long-term dose plays a big role in things like cancer risk.



■ Using a cell phone (0 μSv)—a cell phone's transmitter does not produce ionizing radiation\* and does not cause cancer.  
\* Unless it's a bananaphone.



Ten minutes next to the Chernobyl reactor core after explosion and meltdown (50 Sv)



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