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*Radioactivity: Don't Take Granite for Granted*

The purpose of this investigation was to discover if granite counter tops are significant to the amounts of human radiation exposure. I hypothesized that only three or four granite counter tops out of sixty-six would emit significant amounts of radioactivity. The experiment involved placing a Plexiglas grid with twenty-five points on a granite counter top and using a scintillometer to test all of these points for radioactivity. These points were re-tested, and then the grid was moved to two more locations along the counter top, and tested two times each. The numbers were then averaged. The data collected did not support my original hypothesis. Absolutely no granite counter tops were significantly radioactive. Even the most radioactive granite counter top tested was most likely harmless. These findings led me to believe that granite counter tops do not significantly contribute to the amount of human radiation exposure.