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Unearthing the truth about granite

By Paul F. P. Pogue

"I think it's highly questionable," Coby

Granite countertops have become



environmental groups such as BuildClean worry that granite could conceal

lived radon that the EPA warns about," he writes on his website, Potassium-40 and Thorium-232, and these radionuclides and their progeny

"If you are in a kitchen with a hot countertop, you are getting a dose," Llope says. "The only mitigation would be to cover the countertop with 6 inches of lead, or to

Llope says that in keeping with scientific procedure, he will not reveal details of

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his research until it's accepted by a peer-reviewed journal.

The Marble Institute of America, the leading industry group for natural stone materials, says the concerns are overhyped, but does agree that there's enough cause for concern to warrant further testing.

"We want to reassure the public that granite countertops are safe," says Jim Hogan, president of the institute. "We know the vast majority of granites are safe, but there are some new exotic varieties coming in that we've never seen before, and we need to use sound science to evaluate them."

According to MIA spokesman Jim Martinez, new protocols are being developed that will allow testers to use standard methods, including testing granite before it leaves the quarry.

"All the science that's already been done shows that there's no health risk," he says. "Now we're undertaking the largest granite study ever. We want our consumers and the people who work with these materials to be safe."

Steve Tucker of Cascade Radon, a highly rated radon tester and home contractor in Portland, Ore., says he's never seen a countertop in 30 years that posed a problem. "If you're concerned about radon, you should be testing your house as a whole, because a countertop is the least of your worries," Tucker says. "The biggest concern is the soil under the house."

The Environmental Protection Agency does not believe sufficient data exists to conclude granite countertops pose a health risk. The EPA says it'll continue to monitor research, and in the meantime, recommends all homes be tested for radon, whether or not they have granite countertops.

Coby Pearson says she'll keep her countertop for its beauty and durability. "We haven't had any serious health problems, and this isn't our first time owning a granite countertop," she says.

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