



APRIL LESLIE

Certified Radon Measurement Specialist

(804) 385-2233

www.rvaradon.com

april@rvaradon.com

FACTS ABOUT RADON

How to Stay Safe & Reduce Health Risks



RADON IS A CANCER-CAUSING GAS.

- Radon occurs naturally from the radioactive decay of uranium, but when it becomes trapped, levels elevate and become a serious health risk.
- Radon is tasteless, colorless and odorless.
- Radon breaks down into radioactive particles, which are inhaled and trapped inside the lungs.
- Radon is a leading cause of lung cancer, second only to smoking.

Radon Level
4.0 pCi/L

Equals 200 chest x-rays per year
OR **8 cigarettes** per day.
EPA Recommends: Fix your home.



Radon Level
8.0 pCi/L

Equals 400 chest x-rays per year
OR 16 cigarettes per day.
EPA Recommends: Fix your home.



Radon Level
10.0 pCi/L

Equals 500 chest x-rays per year
OR 20 cigarettes per day. **One full pack.**
EPA Recommends: Fix your home.

Radon Level
15.0 pCi/L

Equals 750 chest x-rays per year
OR 30 cigarettes per day.
EPA Recommends: Fix your home.

Radon Level
20.0 pCi/L

Equals **1,000 chest x-rays** per year
OR 40 cigarettes per day.
EPA Recommends: Fix your home.



Radon Level
40.0 pCi/L

Equals 2,000 chest x-rays per year
OR 80 cigarettes per day.
EPA Recommends: Fix your home.

Radon Level
100.0 pCi/L

Equals 5,000 chest x-rays per year
OR 200 cigarettes per day.
EPA Recommends: Fix your home.





Good news!
Professional
Testing is Easy,
Accurate,
Affordable &
Saves Lives

Testing your residence for radon is something that should be done as soon as possible. If the tests show radon levels above 4.0 pCi/L, it's time to take action.

If the test results show lower radon levels, you gain peace of mind knowing that your family and pets are at less risk.

April Leslie is a Certified Radon Measurement Specialist who uses state-of-the-art technology to identify radon levels inside a home or business. April advises the buyers, seller, or owner on how to move forward if elevated radon levels are detected.

Fixing your home is easy. Testing for radon is even easier. Call April today!



How Radon Gas Seeps Inside



Did you know...

Radon can be found in common household items such as granite countertops and stone fireplaces.

Did you know that radon gas is everywhere?

Don't worry—it's supposed to be. Radon gas is naturally occurring from the earth, and as long as it spins, we'll have radon gas.

However, **elevated levels are dangerous.**

Did you know...

You can't see, smell or taste radon, which is why you have to test for it. Radon is the leading cause of lung cancer among nonsmokers worldwide. It doesn't have to be though because elevated radon exposure is preventable.

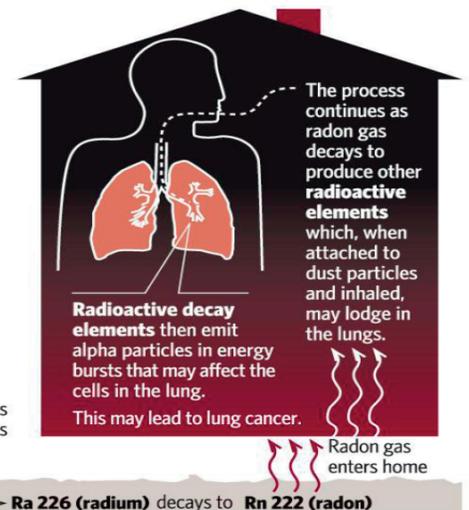
How radon gas affects humans

Radon is a radioactive gas. It comes from the natural decay of uranium that is found in nearly all soils. It typically moves up through the ground to the air above and into your home through cracks and holes in the foundation. Your home traps radon inside, where it can build up.

U-238 (uranium) has a very long half-life so it has been around a long time and is common in rock and soil

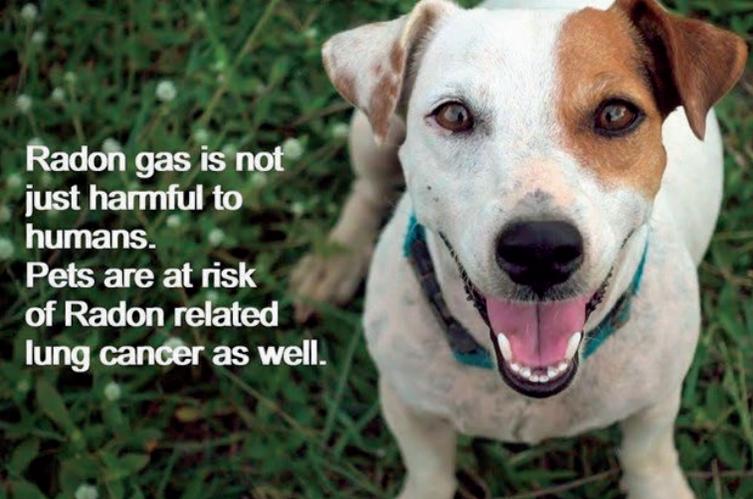
decays to **Ra 226 (radium)** decays to **Rn 222 (radon)**

*After decaying to thorium 234, protactinium 234, uranium 234, thorium 230
SOURCE: Environmental Protection Agency



Staff graphic: Molly Quinn





Radon gas is not just harmful to humans. Pets are at risk of Radon related lung cancer as well.

Radon affects animals, too.

Pets spend much more time indoors than people do. While your family is away for work and school, pets are home day and night.

In addition, your pets have smaller lungs, which means they have higher and faster respiratory rates than humans.

These factors make your pets more susceptible to the effects of elevated radon levels than everyone else in the home.

Radon is the **#1** environmental cause of cancer deaths and the **#2** cause of lung cancer deaths.

AMERICAN LUNG ASSOCIATION.

WHAT TO DO NEXT?

Now that you have the facts about radon, make an appointment to have your home or business tested for radon.

Share what you know with your friends and family. You can help stop elevated radon exposure by sharing this information with loved ones.





APRIL LESLIE

Certified Radon Measurement Specialist

(804) 385-2233

www.rvaradon.com

april@rvaradon.com