

Your nuclear safety information



City of Aliso Viejo

www.AVCity.org/DisasterPreparedness



PLEASE KEEP FOR YOUR REFERENCE

Get inside. Stay inside. Stay tuned.

Why now?

This guide is to help educate Aliso Viejo residents on what to do in the event of a nuclear attack by a nation-state or terrorist group. There is absolutely no immediate threat, however as with every natural or man-made hazard, education and preparedness are essential. This guide provides the necessary basic steps and resources needed to prepare.

3 STEPS YOU AND YOUR FAMILY SHOULD TAKE TO GET PREPARED:

1) GET A KIT

Have enough food, water and essential supplies to last three days. Include:

- medicine and copies of prescriptions,
- flashlights and extra batteries
- blankets and appropriate seasonal clothing
- first aid supplies and personal hygiene items
- important documents
- battery operated or crank radio, a weather radio, cell phones and chargers
- cash and other supplies your family may need

2) MAKE A PLAN

Decide how your family members should contact each other if:

- you're apart when the disaster occurs
- where you will go if you need to leave home
- where you will gather inside the home (e.g., a safe room or basement)

Establish an out-of-town contact and have a list of important phone numbers:

- family, schools and employers
- care providers and doctors
- take a video of your home
- insurance agents, etc.

Practice your plan.

3) STAY INFORMED

Learn about disasters that could occur where you live (tsunamis, earthquakes, fires, etc.) and how to prepare for them. Preparedness should account for all types of disasters—both natural and man-made

FOR MORE INFORMATION VISIT: WWW.READYOC.ORG

Know your alert systems

SEEK MORE INFORMATION

Nixle alert system

Nixle is a mobile alert system that keeps you up-to-date with relevant information from:

- local public safety departments
- emergency management

This city sponsored alert system offers emergency alerts via text and e-mail.

Register now at: **text 92656 to 888-777**

You may also register on the Nixle website where you can customize the types of alerts you would like to receive, including the option to receive email alerts:

<https://local.nixle.com/register/>

AlertOC

AlertOC is a mass notification system designed to keep Orange County residents and businesses informed of emergencies and certain community events. By registering with AlertOC:

- Time-sensitive voice messages from the County or City in which you live or work, may be sent to your home, cell or business phone
- Text messages may also be sent to cell phones, e-mail accounts and hearing impaired receiving devices.

Register now at: **www.alertOC.org**



ALISO VIEJO

City of Aliso Viejo—Emergency Management

949-425-2598 // email: DisasterPrep@AVCity.org

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MOBILE PHONES AND THE INTERNET MAY BE OVERWHELMED DURING AN EMERGENCY.
USE TEXTING, CAR RADIO, HAM RADIO OR EMERGENCY RADIO FROM YOUR KIT AS A WAY TO COMMUNICATE

The three factors for protecting oneself from radiation and fallout are distance, shielding and time:

- 1) **Distance:** The more distance between you and the fallout particles, the better. An underground area such as a home or office building basement offers more protection than the first floor of a building.
- 2) **Shielding:** The heavier and denser the materials—thick walls, concrete, bricks, books and earth—between you and the fallout particles, the better.
- 3) **Time:** Fallout radiation loses its intensity fairly rapidly. In time, you will be able to leave a fall-out shelter. Radioactive fallout poses the greatest threat to people during the first two weeks, by which time it has declined to about 1% of its initial radiation level.

KINDS OF HAZARDS

Nuclear Blast

A nuclear blast is an explosion with intense light and heat, a damaging pressure wave, and widespread radioactive material that can contaminate the air, water, and ground surfaces for miles around. A nuclear device can range from a weapon carried by an intercontinental missile, to a small portable nuclear device transported by an individual. All nuclear devices cause deadly effects when exploded.

Hazards of Nuclear Devices

The danger of a massive strategic nuclear attack on the United States is predicted by experts to be less likely today. However, terrorism by nature, is unpredictable.

POTENTIAL TARGETS INCLUDE:

- Los Angeles
- The Port of Long Beach/Los Angeles
- Military Bases such as Seal Beach Naval Weapons Stations and Camp Pendleton



GET INSIDE

If you are indoors, stay indoors, and well away from windows. Move as close as possible to the interior of the house/building. If you are outdoors, seek immediate shelter in a building preferably a concrete structure such as a commercial building or parking structure. If you are driving, pull safely to the side of the road and seek shelter in a nearby building or lie flat on the ground.

- DO NOT look at the flash of light. Light generated by the blast will blind you.

- Surviving the immediate effects of a nuclear detonation (blast, shock, thermal radiation, initial nuclear radiation) requires sheltering in residential structure.
- You may have only minutes to take protective action—take immediate action without delay.
- There are no designated blast or fallout shelters in Aliso Viejo.



STAY INSIDE

Remain sheltered until you are told it is safe to leave or two weeks (14 days) have passed, whichever comes first. You may be advised that it is safe to leave your shelter for short periods of time to locate food, water and medical care. Electrical, water and other utilities may be severely disrupted or unavailable.

- Following the detonation, sheltering from radioactive fallout for up to 14 days is critically important.
- Public may need to briefly leave their shelters to locate essential supplies and equipment.
- Emergency Management will assess residual radiation levels and advise when sheltering can be discontinued.

Find a good place to shelter

THE MORE DENSE MATERIAL BETWEEN YOU AND THE OUTSIDE WORLD, THE BETTER.



STAY TUNED.

Local AM/FM broadcast radio is most survivable and may be useful in advising the public post-detonation.

Other communication technologies may be damaged by weapons effects such as an Electromagnetic Pulse (EMP).