

**Uranium-239/Uranium:** The chemical element of atomic number 92, a gray, dense radioactive metal used as a fuel in nuclear reactors.

**Chain Reaction:** A chemical reaction or a process that happens when a product such as uranium or plutonium spreads themselves causing chaining to other products to spread.

**Fusion:** When An atom is split in half by a neutron and as a result of that process it releases energy.

**Fission:** When two atoms come together, as the two atoms collide and combine it releases energy.

**Neutron:** A subatomic particle of about the same mass as a proton but without an electric charge, present in all atomic nuclei except those of ordinary hydrogen.

**Atom:** the basic unit of a chemical element.