

URANIUM

The main ingredient in Fission power is "Uranium." This is a very heavy metal that can be ground down into a yellow powder before it is processed into fuel.

Uranium is very abundant in the Earth, enough to last thousands of years!

FUEL RODS

The Uranium is loaded into metal rods in a square pattern. Over 10,000 of these rods are put into a nuclear reactor at once!

These act like the wood logs in a fireplace. They get hot and release energy!

FISSION

Water is pushed through the reactor, heating up to become steam and generate electricity by pushing turbines.

This can cause the water to look like it's glowing blue by a process called "Cherenkov radiation!"

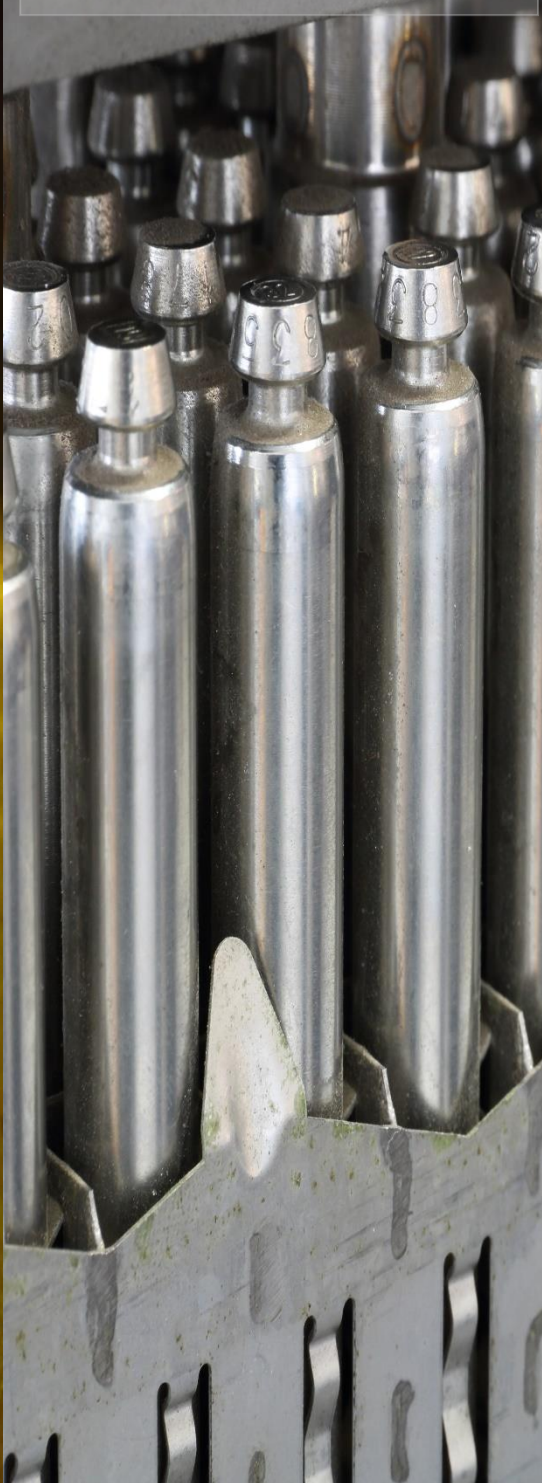
BURIAL

Once the Uranium is 'used up,' it is carefully processed and sealed in steel drums, before being loaded into deep mines underground where it cannot get out.

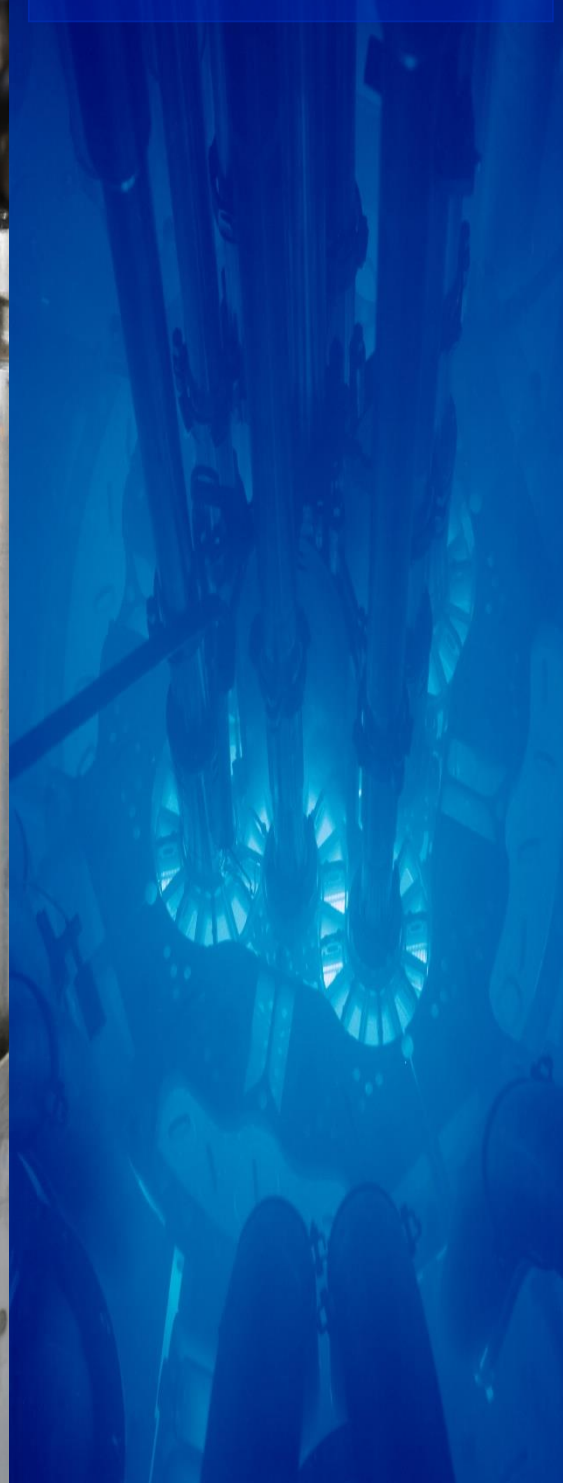
URANIUM



FUEL RODS



FISSION



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