

Terrorists cannot cause a meltdown of our newest nuclear reactors because shutdown is accomplished by a law of nature rather than by control rods. Stopping coolant flow removes the space between fuel pellets. The space between fuel pellets must be filled with moving water. The water is the moderator to slow down the neutrons so that the reaction can take place. No coolant flow, no reaction.

These pebble bed reactors will never experience a meltdown.

It just can't happen because of laws of nature. You didn't say what exactly is your problem with nuclear.