

TOMORROW IS THE GREAT DEBATE - Nuclear Power

Today, I want you to do some research to find out more about the topic and decide where you stand.

You may not have ever considered nuclear power, or you may have thought about it a lot due to seeing things on the news and in movies and TV.

Today I want you to do some REAL research, not from news stations, about nuclear power.

You can use the books I've provided from the library or you can use the internet, but

ONLY SITES THAT END IN .edu, .org, or .gov are allowed

Suggested search terms: "pros and cons of nuclear power" "nuclear power explained" "nuclear power simplified" "what are the dangers of nuclear power" "how often do accidents happen in nuclear power plants" "what are the benefits of nuclear power" "do the benefits outweigh the dangers of nuclear power" "are nuclear power plants statistically safe" "is nuclear power safe"

Copy and paste link to webpage here:

<https://nuclear.gepower.com/company-info/nuclear-power-basics>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: the splitting of uranium atoms in a nuclear reactor. Uranium fuel consists of small, hard ceramic pellets that are packaged into long, vertical tubes. Bundles of this fuel are inserted into the reactor.

Copy and paste link to webpage here:https

[://www.britannica.com/technology/nuclear-power/Economics](https://www.britannica.com/technology/nuclear-power/Economics)

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: The benefits of applying nuclear power to these needs are substantial, but they are tempered by a number of issues that need to be considered, including the safety of nuclear reactors, their cost, the disposal of radioactive waste, and a potential for the nuclear fuel cycle to be diverted to the development of nuclear weapons

Copy and paste link to webpage here:

<https://www.iaea.org/newscenter/news/what-is-nuclear-energy-the-science-of-nuclear-power>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: Nuclear energy is a form of energy released from the nucleus, the core of atoms, made up of protons and neutrons.

Copy and paste link to webpage here:

<https://world-nuclear.org/information-library/safety-and-security/safety-of-plants/safety-of-nuclear-power-reactors.aspx>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: No industry is immune from accidents, but all industries learn from them. In civil aviation, there are accidents every year and each is meticulously analysed. The lessons from nearly one hundred years' experience mean that reputable airlines are extremely safe.

Copy and paste link to webpage here: <https://www.energy.gov/ne/office-nuclear-energy>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: it's about how its made and where theres difference electric companies and radioactors