

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://www.nei.org/news/2019/is-nuclear-energy-safe>

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

What I discovered: nuclear energy is safe.

Copy and paste link to webpage here: <https://www.eia.gov/energyexplained/nuclear/>

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

In nuclear fission, atoms are split apart, which releases energy. All nuclear power plants use nuclear fission, and most nuclear power plants use uranium atoms.

Copy and paste link to webpage here: google search

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

What I discovered:

Pros

Carbon-free electricity

Small land footprint

High power output

Reliable energy source

cons

Uranium is technically non-renewable

Very high upfront costs

Nuclear waste

Malfunctions can be catastrophic

Copy and paste link to webpage here: google search how often accidents occur with nuclear power plants

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

What I discovered: it may occur every 10 to 20 years

Copy and paste link to webpage here: google search

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

What I discovered: Clean Energy Source. Nuclear is the largest source of clean power in the United States. ...

- Most Reliable Energy Source. Nuclear power plants run 24 hours a day, 7 days a week. ...
- Creates Jobs. ...
- Supports National Security.