

What is Nuclear Energy?

Nuclear energy is a type of energy that liberates from the nucleus, the core of atoms, and created the protons and neutrons. This form of energy could be produced in two solutions: fission, in which nuclei of atoms are separated into various parts, and fusion that nuclei combine together.

Why I am supporting the use of Nuclear Energy?

I have five reasons that I am supporting the use of Nuclear Energy. “....use nuclear power instead of other sources of energy because it can produce high levels of electricity without causing damage to our environment and atmosphere. ... Nuclear power plants produce less pollution than many of our other current energy sources, including coal fire and natural gas plants.”

- It clears the Energy source.
 - According to the *Office of Nuclear Energy* website, “Nuclear is the largest source of clean power in the United States. It generates nearly 800 billion kilowatt hours of electricity each year and produces more than half of the nation’s emissions-free electricity.”
- It directs the radioactive waste.
 - According to the *U.S. Energy Information Administration* website, “A major environmental concern related to nuclear power is the creation of radioactive wastes such as uranium mill tailings, spent (used) reactor fuel, and other radioactive wastes. These materials can remain radioactive and dangerous to human health for thousands of years. Radioactive wastes are subject to special

regulations that govern their handling, transportation, storage, and disposal to protect human health and the environment.”

- It blocks the air quality.
 - According to the *Office of Nuclear Energy* website, “Nuclear energy protects air quality by producing massive amounts of carbon-free electricity. It powers communities in 28 U.S. states and contributes to many non-electric applications, ranging from the medical field to space exploration.”
- It finds better opportunities and supporting jobs.
 - According to the *Office of Nuclear Energy* website, “The nuclear industry supports nearly half a million jobs in the United States and contributes an estimated \$60 billion to the U.S. gross domestic product each year. U.S. nuclear plants can employ up to 700 workers with salaries that are 30% higher than the local average.”
- It guides national security.
 - According to the *Office of Nuclear Energy* website, “A strong civilian nuclear sector is essential to U.S. national security and energy diplomacy. The United States must maintain its global leadership in this arena to influence the peaceful use of nuclear technologies.”

Conclusion

Nuclear Energy in the form of energy that involves two solutions to release and protect the nucleus. I found sources to provide five reasons why I am supporting the use of Nuclear Energy to create a better environment.

References

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