

Nuclear Energy

Match the question with it's correct response using chapter 40 and additional resources provided to you.

Name: _____

- Explain how nuclear power plants produce electricity in much the same way that conventional power plants do.
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____

- a. The process in which the nuclei of very light atoms fuse together, releasing energy.
- b. Provides plentiful electricity, conserves fossil fuels, and eliminates air pollution.
- c. Radioactive wastes produced, build up of nuclear weapons, low-level radioactive substances leak into the environment.
- d. The idea that mass equals energy and that mass is converted to energy.
- e. By generating heat, boiling water, producing steam and running turbines.
- f. Uranium and Plutonium
- g. A fusion reaction occurs at an extremely high temperature. What is an example of something in our solar system that undergoes nuclear fusion?
- h. From nuclear energy to electrical energy.
- i. What idea is nuclear reaction based on?
- j. What are some disadvantages of nuclear fission power?
- k. What are some advantages of nuclear fission power?
- l. What is the energy conversion that occurs at a nuclear fission power plant?
- m. What is the most commonly used fuel for nuclear fusion?
- n. What is the most commonly used fuel for nuclear fission?
- o. What is nuclear fusion?
- p. What is nuclear fission?
- q. What is the most commonly used fuel for nuclear fusion?
- r. What is nuclear fission?
- s. What is the most commonly used fuel for nuclear fusion?
- t. What is nuclear fission?
- u. What is the most commonly used fuel for nuclear fusion?
- v. What is nuclear fission?
- w. What is the most commonly used fuel for nuclear fusion?
- x. What is nuclear fission?
- y. What is the most commonly used fuel for nuclear fusion?
- z. What is nuclear fission?

Nuclear Fission Power Video

Give one, Get one