



American Nuclear Society

ANS NUCLEAR SCIENCE MERIT BADGE

Nuclear Power Technology Quiz

Name: _____

1. There are currently 104 nuclear reactors in the United States. (True/False)
2. The Sun uses Fusion to create energy, but human attempts have been unable to reach a viable and long lasting fusion reaction. (True/False)
3. Albert Einstein was one of the scientists who built the first nuclear reactor. (True/False)
4. Fission chain reactions occur inside nuclear reactors. (True/False)
5. Control rods are used in nuclear reactors to absorb electrons. (True/False)
6. Spent fuel casks used in transportation are very strong. (True/False)
7. Comanche Peak is a nuclear power plant located in New Mexico. (True/False)
8. One type of modern nuclear reactor is the Pressurized Water Reactor (PWR). (True/False)
9. One type of fission products are neutrons, which can cause more fissions to occur. (True/False)
10. Contamination is when radioactive material is where it should be. (True/False)
11. Nuclear power produces 20% of the USA's electricity. (True/False)