

Name _____

What Causes a Nuclear Meltdown—and How Do Scientists Prevent It?

Multiple Choice Questions

1. What causes a nuclear meltdown?
 - A. Too much water in the reactor
 - B. The control rods rising too high
 - C. The reactor getting too hot and melting
 - D. Too little electricity being made

2. What does a nuclear power plant use to make electricity?
 - A. Solar panels
 - B. Splitting atoms
 - C. Burning coal
 - D. Wind turbines

3. What do control rods do?
 - A. Heat the core
 - B. Start the power
 - C. Cool the water
 - D. Slow or stop the reaction

4. What is one danger of a meltdown?
 - A. Harmful radiation can escape
 - B. The plant will freeze
 - C. The lights will go out
 - D. There will be too much steam

5. Why are there backup cooling systems?
 - A. To make the plant run faster
 - B. To keep the building warm
 - C. To protect the control rods
 - D. To stop the core from overheating

