

Name _____

Zero Hour: Disaster at Chernobyl

Explain the role these men played in the accident (the entire video is about their actions, this should not just be the introduction of them)

Leonid Toptunov (at only 26)

Alexander Akimov

Anatoly Dyatlov

Why did the Soviet Union want to test the reactor under low power?

What are the accelerator and brakes of a nuclear reactor? What are they made of?

What are they testing by cutting the power to the turbine and waiting to see for diesel generators to kick in?

What unforeseen effect did the graphite tips on the control rod have?

How much nuclear fuel was spread about when the reactor blew up?

What was the death toll of Chernobyl?

Chernobyl was a drastic example of what can go wrong with nuclear power plants. However, there is and will always be a need for power. Removing all power plants is not a possibility, and there is no type of power plant that is completely safe. Argue for or against nuclear power plants. This should be at least 1 paragraph.