

Team Number: 169

School Name: San Juan College High School

Area of Science: Chemistry

Project Title: Incendiary Device's Compatibility with Substances within a Store

Project Definition:

An atomic bomb is a weapon that releases energy when the fission splits of the nuclei of plutonium and uranium. It has a shockwave that can reach hundreds of kilometers in an hour. The exposure to radiation can cause tissue damage, and radiation sickness, where the symptoms were vomiting, fever, and abdominal pain. The radiation surface contaminated the food and entered the food chain, by contaminating the tissue. It also affected the water in Hiroshima and Nagasaki, where an atomic bomb was dropped. A store being affected by this amount of energy and radiation, will contaminate and have a large shockwave, that vaporizes materials, due to the fireball, it will condense particles to be finer. The contamination of food

Problem Solution: Limiting the amount of interaction, and the effects of the contamination of food.

Progress to Date: Progress to Date is researching more about agriculture, atomic bombs, and radioactivity of foods.

Expected Results: The contamination of the food affecting the stock, store, and the food exported.

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Sponsoring Teachers: