

1. Chemical Scenario: Chemical Attack on the Super Bowl

The New England Patriots are taking on the New Orleans Saints in the Super Bowl, located in the Louisiana Superdome. The Superdome's capacity for a football game is approximately 72,000; and the stadium is packed to capacity with excited football fans.

At the beginning of the second quarter fans report a bitter almond smell coming from both the men and women's bathrooms. Hydrogen cyanide (HCN), a colorless gas form of cyanide, has been released into the stadium via the vents in the Stadium bathrooms. Fans that have visited the bathrooms are experiencing the worst symptoms, while all fans and players are beginning to display symptoms of cyanide poisoning.

Create a recovery plan based on this scenario, which is specific to a chemical attack. Address all of the necessary criteria for the Recovery Plan as it relates to this chemical scenario.

2. Biological Scenario: Biological attack in the US Congress

The US Congress consists of three Senate Office Buildings and three House Office Buildings, in addition to the Capital building. The Rayburn House Office Building has a large cafeteria, which primarily consists of a generous salad bar and a few food stations that offer hot items. This cafeteria is open to Members of Congress, Congressional staffers, and visitors, including lobbyists and constituents.

After the cafeteria has closed for the afternoon, Capital Police receive a phone call informing them all food in the Rayburn cafeteria was tainted with clostridia, which is a major source of botulinum toxin.

Create a recovery plan based on this scenario, which is specific to a biological attack. Address all of the necessary criteria for the Recovery Plan as it relates to this biological scenario.

3. Radiological Scenario: A Dirty Bomb in the Mall of America

It is the day after Thanksgiving, commonly referred to as Black Friday in America, and the busiest shopping day of the year. The Mall of America in Bloomington, Minnesota is crowded with eager shoppers. The Santa Clause exhibit, which allows young children to have their picture taken with Santa, is equally crowded. A substantial number of parents and children have formed a line to wait for a picture with Santa.

One of the props used in the Santa exhibit, a large gift package, suddenly explodes. In addition to unusual metal debris being thrown from the package, there are glowing particles surrounding the blast site. Additional materials seem to be emitting heat, but with no direct heating source.

People of all ages have been injured by the explosion. Some victims even display signs of burns. Obviously individuals closest to the explosion are at the most risk for exposure, but the Mall was very crowded before the explosion.

Create a recovery plan based on this scenario, which is specific to a radiological attack. Address all of the necessary criteria for the Recovery Plan as it relates to this Radiological scenario.

4. Nuclear Scenario: Nuclear Attack in San Francisco

A small nuclear device with highly enriched uranium (HEU) has been detonated at San Francisco's City Hall, which is in the heart of the city. The building and immediate surrounding areas are completely destroyed. Mass casualties are being reported.

San Francisco is known for its dense fog, mild temperatures, and cool breezes. The city is a maze of one way streets; and is also well known for its hills, which range from approximately 200 to nearly 1000 feet.

Create a recovery plan based on this scenario, which is specific to a nuclear attack. Address all of the necessary criteria for the Recovery Plan as it relates to this nuclear scenario.