

## Worksheet 6.3

**Instructions:** Each team will be assigned one of the scenarios below.

1. Indicate your assigned scenario:

- Scenario 1: Multiple EF4 tornadoes are forecasted to strike the central business districts of Central City (pop. 149,000, located in Liberty County) and Capital City (pop. 265,000, located in Grand County) during peak occupation at 2 p.m. on a Wednesday. It is now 1:00 p.m.
- Scenario 2: It is raining heavily. A major power-generating dam is showing stress. Concern is rising that a dam failure may occur, resulting in the downstream flooding of three towns. The dam failure would eliminate the power for the surrounding towns, potable water supply, and fire suppression capability. Currently, the engineers are unsure of the probability or timing of potential failure.
- Scenario 3: Three local chemical distributors have reported the theft of corrosive and other hazardous materials. There is a need to warn the community of the potential for the use of these chemicals at public gatherings and to elicit the community's assistance in apprehending the suspects.
- Scenario 4: It is a particularly bad cold and flu season. The jurisdiction is contemplating closing nonessential public services and schools to stop the threat. There is a need to communicate the plan to the community and elicit their assistance in stopping the spread of the flu.
- Scenario 5: A hazardous materials accident has just occurred, shutting a major roadway. Evacuations are being ordered for the homes within a 1-mile radius of Highway 1. A shelter at the high school is opening that allows pets.