

REVISED SCENARIO 1: INPUT

Description	Comment
Brief Description	Conventional explosion
Location	Union Station
Time of Day/ Day of Week (Home-based/ work based)	9 am weekday
Nature of Incident/ Type of Danger	Explosion- not radioactive
Wind speed/ direction	Not applicable
Warning Time	None
Expected Duration	Structural damage, no "spillage" effect
EMS Direction: Evac /SIP/Stay Put	Who is first responder? Protocols- Evacuate immediate vicinity, precautions at nearby buildings- secondary attack?, most stay put
SIP perimeter	N/A
Vulnerable pops	Limited
Evacuation perimeter	Protocols- estimate 1 mile
Evacuation time avail.	
# to Evacuate	
Vulnerable pops	Mostly tourists
No danger/ "Stay Put" perimeter	
Federal Actions	
Transportation Network Status	Nearby road closures
Transit System Status	Disables Metro Red Line, MARC, VRE, Amtrak

REVISED SCENARIO 2: INPUT

Description	Comment
Brief Description	Deliberate explosion of a truck load of liquefied chlorine, or a truck overturns with similar release of gases
Location (CBD/ Suburb)	On the Woodrow Wilson Bridge
Time of Day/ Day of Week (Home-based/ work based)	Sunday afternoon following a long holiday weekend- e.g., Sunday, July 6, 2003
Nature of Incident/ Type of Danger	Large scale chemical release
Wind speed/ direction	Prevailing light winds (5 mph) headed towards Old Town Alexandria.
Warning Time	None for event, plume time varies
Expected Duration	Minimum two days, or until local health authorities determine it is safe
EMS Direction: Evac /SIP/Stay Put	(Desirable): Immediate evacuation in immediate vicinity (on bridge) - - shelter in place not feasible or safe; plume area recommendations see map. Unofficial panic evacuation likely
SIP perimeter	Lethal concentrations of gas- 3 miles; dangerous levels 7.5 miles; threshold level ppm 10 miles- Need to advise public as to best action
Vulnerable pops	Schools not in session; others TBD
Evacuation perimeter	Lethal concentrations of gas- 3 miles; dangerous levels 7.5 miles; threshold level ppm 10 miles- EM protocols
Evacuation time avail.	
# to Evacuate	
Vulnerable pops	Schools not in session, others
No danger/ "Stay Put" perimeter	
Federal Actions	No employee action- weekend
Transportation Network Status	See map with plume – roadways closed
Transit System Status	See map with plume – VRE, Metro Yellow line

REVISED SCENARIO 3: INPUT

Description	Comment
Brief Description	Conventional Explosion
Location (CBD/ Suburb)	West Falls Church at I-66/ W Falls Church Metro Station
Time of Day/ Day of Week (Home-based/ work based)	4 pm weekday
Nature of Incident/ Type of Danger	Immediate explosion with fire, structural damage, loss of life in immediate vicinity
Wind speed/ direction	N/A: No plume, minor spreading of fire
Warning Time	None- (threats at other stations?)
Expected Duration	Limited fire duration, longer-term structural damage
EMS Direction: Evac /SIP/Stay Put	
SIP perimeter	Outside one mile perimeter stay in place
Vulnerable pops	
Evacuation perimeter	Voluntary- Evacuate up to one mile from incident- in case fire spreads out of control, concern over other potential threats
Evacuation time avail.	Limited- most will need to walk out
# to Evacuate	
Vulnerable pops	
No danger/ "Stay Put" perimeter	
Federal Actions	
Transportation Network Status	I-66 shut down, estimate 6 weeks minimum to repair
Transit System Status	W. Falls Church station shut down, extensive damage- est. 6 months to repair, 6 weeks to evaluate and repair Orange line structural damage

REVISED SCENARIO 4: INPUT

Description	Comment
Brief Description	Accidental release of a railroad car of liquefied chlorine on the tracks adjacent to Greenbelt Metro station.
Location (CBD/ Suburb)	Suburb- Greenbelt Metro at the Beltway
Time of Day/ Day of Week (Home-based/ work based)	2:00 pm weekday, during school year
Nature of Incident/ Type of Danger	Large scale chemical release
Wind speed/ direction	Prevailing light winds (5 mph) headed across Beltway towards BW Parkway
Warning Time	None for event, plume time varies
Expected Duration	Minimum two days, or until local health authorities determine it is safe
EMS Direction: Evac /SIP/Stay Put	(Desirable): Immediate evacuation in immediate vicinity (at station, on highway) - - shelter in place not feasible or safe; plume area recommendations see map. Unofficial panic evacuation likely
SIP perimeter	2 nd story or above safer, as gas sinks; avoid basements, tunnels, walking hazardous
Vulnerable pops	Schools in session; others also vulnerable
Evacuation perimeter	Lethal concentrations of gas- 3 miles; dangerous levels 7.5 miles; threshold level ppm 10 miles- EM protocols
Evacuation time avail.	Varies
# to Evacuate	
Vulnerable pops	
No danger/ "Stay Put" perimeter	
Federal Actions	
Transportation Network Status	Beltway closed at Greenbelt for two days (minimum), sections of I-95 North closed, some access roads- see map
Transit System Status	Greenbelt station closed; Greenbelt trains not available for rush hour, other service for 2 days minimum