

DRILL SCENARIOS - Introduction

02/11/20

Event Scenarios can be used to enrich your shelter-in-place drill. They are intended to represent the sort of injury and hazard that might actually be encountered, and to encourage participants to contemplate their response options. NRGs have developed several ways to embed the events into your drill:

- Ask a resident to post her “HELP” sign where it can be seen. When the Block Captain investigates and knocks on the door, the resident will simply read the event she has been given beforehand. Residents can be encouraged to play-act the event.
- Ask a resident to post her “HELP” sign. Prior to the drill someone from the CT tapes a yellow envelope (with “Block Captain please open” on the outside) containing the event description to the sign. Block Captain patrols the cluster, sees the “HELP” sign, investigates, finds the yellow envelope and takes action.
- Residents agree to be victims. On drill day they stand outside their homes and wait to be found. Their injuries are described on a sign hung around their necks. Blood and gore can be simulated as feasible.
- Envelopes containing events are taped to convenient spots within the cluster to be easily found during the block captain’s patrol.

It is useful to review how the event was handled at the post-drill debriefing. Engaging all team members in the critique can build comradery while building the knowledge base of all members.

NRG Drill Scenarios

REMINDERS

First Response to a Disaster	Useful Disaster Supplies
<ol style="list-style-type: none">1. Take care of yourself, family and neighbors.2. Turn on and leave on radios. (have extra batteries on hand)3. Attempt to check in with Command Team (CT)4. When instructed, proceed to staging area (insert area) with disaster supplies.5. Along the way, make damage assessments and take notes that would be helpful to MCNA NRG.	<ol style="list-style-type: none">1. If CERT certified, CERT badge, vest, helmet, backpack, etc.2. Radio with extra batteries3. Flashlight with extra batteries4. Pad of paper, clipboard, and pens and pencils for taking notes5. Study clothes, gloves, shoes6. Goggles or safety glasses7. Gas & water shut-off valves

Radio Protocol	
1. Turn the radio on by turning the left control clockwise. This is also the volume control. 2. The radio screen will light and a channel number will appear. 3. To change the channel, tap the Menu button once. The channel number will begin flashing. Tap the + or - button to raise lower the channel. 4. Block Captains use Channel 6 Medical use Channel 22 Search & Recuse use Channel 36	8. Markers (Black, Red, Yellow, Green) for triaging injured 9. Rubber/latex gloves to protect against infection 10. Sterile and additional clean dressings to cover wounds 11. Thin cloth/sheet strips for fastening dressings 12. Blankets to prevent shock 13. Towel 14. Tarp for lifting injured 15. Dust mask 16. Sticks/wood/magazines, etc.to for splints 17. Duct tape for fastening splints 18. Fire extinguisher for small fires 19. Rope
Damage Assessment	
1. Fires -- Burning / Out 2. Hazards -- Gas / Water / Electrical / Chemical 3. Structures -- Damaged / Collapsed 4. People -- Injured / Trapped / Deceased 5. Roads -- Accessible / No Access	

DRILL EVENTS			
MEDICAL			
Facts & Observations		Block Captain Response	Expected Action & Priority
1	Structure: No visible damage to the house. People: The owner is sitting outside with a minor injury to his hand. He reports that someone is unconscious inside and needs assistance. Inside you find an unconscious woman at the bottom of a stairway with abrasions on her face and bruises on her arms and knees. Her breathing is shallow. Her circulation seems normal. She does not appear to have any broken bones.	Check that owner outside has no additional injuries. Assess other injuries if present. Go inside and assess situation of unconscious person. Call into CT and request medical guidance/assistance. Medical to advise Primary Survey: - Check airway and if breathing is adequate (10-30 breaths/min) - Check circulation (capillary refill < 2 secs.) - Check pulse (normal 60-100/min) - Check mental status (response to questions and motor/sensory functions).	Send CERT if necessary High priority
2	Structure: House is severely damaged. The chimney has fallen through the roof. People: A woman is in the front of the house, clasping her arm which is bleeding profusely.	Assess the situation before approaching. Smell for gas leaks and, if so, request that the woman vacate the premises immediately avoiding anything electrical. Utilize Stop the Bleed kit to stop the bleeding (e.g. direct pressure or pressure point, elevate arm, apply bandage). Inquire as to whether there are other occupants in the house. Report to CT. Turn off gas if possible.	High priority if bleeding continues or gas leak.

3	People: Man lying on the ground unconscious who does not seem to be breathing and has a rapid, shallow heart rate.	Move on unless field medical is nearby.	Probably dying. Low priority
4	People: Child with spurting blood.	Call for field medical. Utilize Stop the Bleed kit to apply pressure bandage immediately or tourniquet.	Has an arterial wound. High priority
5	People: Unconscious child who is having trouble breathing.	May have obstructed breathing passage. Call for field medical.	High priority
6	People: Child lying on the ground moaning.	May be in shock. Needs head-to-toe assessment. Call for medical.	High priority
7	People: Child sitting against a tree not responding to verbal commands.	Get neighbor to stay with child until medical can arrive.	Likely in shock. Medium priority
8	People: Middle aged woman has shortness of breath, pain radiating to arm & neck, and general discomfort in center of chest.	Immediate call to CT for Medical, possible heart attack happening. Ask what medications she takes.	May be having a heart attack. High priority
9	People: Child crushed under the large wooden cabinet.	Probably dead. Move on.	Low priority
10	Structure: You discover a house with broken windows, cracks in the stucco. People: Two teenage children outside with apparent bleeding from the head. Both children are conscious and responsive. No sign of adults.	Assess and tend to injuries. Report to IC . See if neighbors can stay with children until their parents return.	Low priority unless injuries are more severe.
11	People: Paint scaffolding in front of the house collapsed with two injured people. 1st person is disoriented and complaining of head and neck soreness (no apparent bleeding). 2nd person has numerous cuts and has multiple broken bones in their left leg.	Attempt to splint or stabilize leg Report to CT	Low priority
12	People: As you approach the building you notice an elderly gentleman lying on the front porch. You do not see any signs of bleeding but he appears to be dazed and may be going into shock. No other occupants are in or around the building.		

13	People: Woman with broken wrist.	Send to medical trailer.	Low priority Splint her arm
14	People: You notice a disabled person and caretaker on at building entrance bleeding, looking dazed and acting confused. Structure: House has numerous cracks and broken windows and the building looks slanted and unstable.		
15	People: An adult couple was watching TV when the earthquake happened and both have serious cuts on their feet & lower legs. The man hasn't been able to stop the bleeding on one ankle and reports being lightheaded.		High priority
16	People: Older man with a cut in his leg that is spurting blood.	Utilize Stop the Bleed kit to apply pressure bandage immediately or tourniquet. Transport to Medical trailer if possible or call for field medical.	High priority Has an arterial wound.
17	People: Middle-aged woman with a slight cut on her arm who is tending to the others.	Give her a band-aid and encourage her to continue helping others.	Low priority
SEARCH & RESCUE			
Facts & Observations		Block Captain Response	Expected Action & Priority
18	Structure: Building moderately damaged People: People inside, calling for help.	Communicate to people inside, determine if injuries, report to CT	Search & Rescue Med priority - Depending on injuries Low priority - If no injuries
19	Structure: Heavy damage to building People: Distressed mother outside of house screaming because she can't find her children.	Verbally calm mother and determine if children are inside and injured. Not safe for team to enter. Report to CT	Search & Rescue Low priority
20	Structure: House is severely damaged. More than one wall of the house has collapsed. Smell of gas emanates from somewhere around house. Garage door is open and water is visibly gushing from water heater in garage. People:	Approach the house to turn off gas and water only if possible. Once the gas is turned off, retreat until the smell of gas is gone. If safe to approach, call out to locate and assess possible victims. Report to CT. Enter the house only if safe to do so. Constantly assess damage and danger the entire time.	Search & Rescue

	A person is calling for help from inside the house, clearly in pain.		
21	Structure: No visible damage to the house. People: No one responds to knock on door or doorbell. This house is known to have an elderly man who lives alone.	Check with neighbors to determine the location of the homeowner. Walk around the house, knocking on windows and other doors to gain the homeowner's attention verbally identifying yourself as you go. Peer into the house through easily accessible windows. Report findings to CT.	Low priority if no one is home Search & Rescue if someone is suspected to be inside unconscious.
22	People: Car in driveway, kids toys on lawn, doors locked, children can be heard crying inside. No one responded to knocking or shouting.	Probable trapped/injured victims inside.	Search & Rescue High priority
23	Structure: Senior Center's doors are blocked by debris. 15 seniors inside. One injury. Starting to panic.	Assess status of building for structural damage. Calm the people. If not heavily damaged, assess debris for safe removal. If safe, remove debris, enter building, and evaluate victims.	If not safe, wait for Fire Dept. or Search & Rescue
24	Structure: House is partially flooded. People: Woman trapped in room on 1st floor, man on 2nd floor.	Dangerous environment. Do not enter building. Monitor water level and reassess periodically.	Search & Rescue Medium priority
25	Structure: You are told by a frantic babysitter that two kids are trapped in their bedroom due to a tree falling on the roof. Their bedroom door is jammed shut.	Calm the babysitter and ask her to stay outside the room keeping the children calm until help can arrive. Report to CT	Low priority Search & Rescue
HAZARD			
Facts & Observations		Block Captain Response	Expected Action & Priority
26	Structure: House is leaning. Many broken windows. Water is leaking significantly out from under the closed garage door. People: No one responds to knock on door.	Do not approach house without a buddy. Assess other hazards. Carefully approach house to turn off water and gas. If there is any smell of gas, retreat and radio CT If CERT trained, tag the building to record status.	Low priority unless gas leak.
27	People: Young girl trapped in car with power wires down and touching car.	Tell person to stay in car until help can arrive. High risk of being electrocuted by stepping out of car.	High priority
28	Structure: A tree branch has fallen and severed a power line that is lying on the ground. People:	Instruct everyone to stand back. Block off area any way possible (yellow tape, chairs, rope, ...) Ask neighbor to keep people away Report to CT	Very dangerous situation. Wait for Fire Dept.

	People are milling about looking at the downed power line.		
29	Hazard: As you approach the house you notice an SUV with a family in it come around a corner and hit another car coming out of driveway. Neither driver notices the downed power line. No other occupants are in or around the building.	Warn them by shouting and blowing your whistle before they get out of the car. Tell them to stay in car until help can arrive. High risk of being electrocuted by stepping out of car.	
30	Structure: School building classroom with the door blocked by debris. People: Clearly has people trapped in it.	Ask neighbors for help to move debris and rescue teacher and students.	Low priority
31	Structure: Building damaged, detached power line hanging down outside house. People do not appear to be home.	Yell to see if anyone is inside. Check for a safe window to look in. Not safe environment. Team should not enter building.	Low priority if no one appears home
32	People: As you approach the house you can see two adults and two children in the house. The children appear to be ill, but not in danger. Structure: The electrical power is on and you can smell gas	Approach the house to turn off gas if possible. Once the gas is turned off, retreat until the smell of gas is gone.	
33	Structure: As you approach the house, you detect a strong smell of natural gas.	Approach the house to turn off gas only if possible. Once the gas is turned off, retreat until the smell of gas is gone.	
34	People: Man trapped in room by partially blocked door. Hazard: Room contains hazardous material.	Very tempting to try to rescue man since so close to open door. But NFPA sticker clearly indicates flammable hazard, and smoke drifting out the door indicates a fire inside. No one should enter area.	Wait for Fire Dept. High priority
35	Structure: House appears to have slipped off its foundation. There is also a smell of gas in the area. You have no idea if anyone is in the house or if it's safe to check	Approach the house to turn off gas and water only if possible. Once the gas is turned off, retreat until the smell of gas is gone.	
36	Hazard: You see downed electrical lines in the street. The electricity comes on briefly and you see electrical sparks from the broken wires.		
37	Hazard:	Report to CT	

	You discover a large water leak in the middle of the street with water running down the street in both directions. The street shows many large cracks.		
FIRE			
Facts & Observations		Block Captain Response	Expected Action & Priority
38	Fire: The attached garage is on fire. You knocked on the door but didn't get any response.		
39	Fire: While surveying the property you notice a small fire in the rear of the property. No one appears to be home at this time		
MISCELLANEOUS			
Facts & Observations		Block Captain Response	Expected Action & Priority
40	People: Missing child. Residents on the street.	Ask if residents would be willing to search the neighborhood for the child. Call in missing child so others can keep a lookout.	Low priority
41	People: You hear a voice, enter the house and find a woman bent over using her body to keep a huge bookcase from collapsing onto her toddler who is pinned beneath some overturned furniture. Neither victim can move without causing injury or death to the child.	Get neighbors to help lift bookcase	High priority
42	Structure: House undamaged, no response to knocking, no one visible through windows.	Likely that no one is home. No further action needed.	Low priority