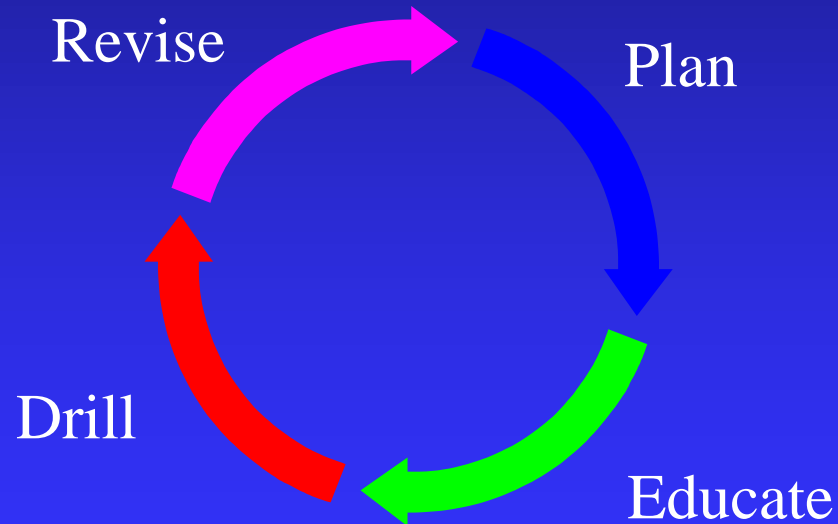


# SHELTER IN PLACE



# Emergency Preparedness Continuous Improvement



# Objective

- To introduce SHIP (Shelter in Place) conceptually
- To enhance your emergency preparedness plan by including SHIP as an option for protection of people within Municipality of McDougall

# What is Sheltering in Place ?

- A key step to Life Safety in multi hazard emergencies
- The activity of going or remaining indoors to shelter from an emergency situation
- Utilizing the clean air stored within your home or business
- Utilizing the structural engineering of your home or business to provide protection

# Why Shelter in Place ?

## ◆ Severe Storms

- Not enough time for evacuation
- Shelter is safest place
- Natural choice

## ◆ Chemical Emergency

- The release is of short duration
- There is not enough time for evacuation
- The release presents a low health hazard and is not serious enough for evacuation

# Why not Shelter in Place?

- Fire and explosion are imminent
- Authorities have directed otherwise
- Chemical has entered your safe area (infiltration has occurred)
- Duration of dangerous goods release exceeded acceptable time (infiltration rate) your shelter is safe
- Note : *Evacuation may introduce unacceptable hazards*

# Decision?

Two decisions facing you are whether to:  
STAY (*shelter*) or to GO (*evacuate*)

MOST OFTEN it is safer to stay where you are,  
providing your shelter (*home, business, school or  
vehicle*) is safely intact

# Statistics:

- 40,000 thunderstorms per day worldwide
- 1000 severe storms per year in Canada
- 80 tornadoes per year in Canada
- 41 tornadoes per year in prairie provinces
- 16 tornadoes per year in Alberta
- 1064 Railway accidents in 2001 (Canada)
- Rail Dangerous goods leaker 193
- Rail Dangerous goods release 6



# Shelter in Place Programs

- Canada wide practice
- Parry Sound District practice
- Municipality of McDougall practice

# SHIP Program Supported by:

- Office of the Fire Marshal and Emergency Management Ontario
- Ontario Fire Chief's Association
- Canadian Chemical Producers Association
- Safe Communities Foundation
- Ontario Ministry of Health

# PROCEDURES

## DO'S

- Go inside. Close all windows and doors.
- Turn on local radio, TV, internet and listen for instructions
- Keep phone lines free
- Continue to listen for updates
- *FOR CHEMICAL EMERGENCIES*
- Turn off furnace/air conditioner/exhaust fans and all appliances to avoid drawing air into your shelter
- Seal a room using wet towels at base of door, breather through a damp towel to filter air

# PROCEDURES

## DON'T'S

- Evacuate or travel
- Bring home children from school or other family members from work
- Call Provincial or Municipal Authorities for information
- Panic

# PROCEDURES

EVACUATE (appropriate when told to do so)

- Gather change of clothes, medication, dietary needs, pets
- Follow directions from authorities
- Keep vehicle vents/windows closed
- DO NOT USE air conditioner or heater