Hazard Resilience Strategies
Terrorism

Terrorism – General [1] [2] [3] [4]

- Ensure community response agencies are communicating with preparedness agencies such as Public Safety Canada to receive terrorism preparedness training

- Conduct community-based terrorism exercises have in the community-at-large (e.g., table-top or full-scale exercises).

- Ensure that facilities that are potential terrorism targets have emergency management plans and plans for containment of hazardous materials.

- Ensure police and/or security provided surveillance and security in locations at high risk of a terrorist attack.

- Ensure residents understand the need to and would report suspicious activities around facilities that are potential targets of explosives and bombs.

- Ensure the community has provided terrorist education and training to residents.

- Ensure the community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to identified government or private sector facilities.

- Ensure there is a warning system in place to notify community residents and businesses of a potential terrorist attack and how to prepare for it.

- Ensure there is a warning system in place to notify police, fire and ambulance personnel of a potential terrorist attack

- Ensure audit mechanisms independent of local authorities are in place to ensure civil liberties are respected and maintained.

Terrorism – Biological [5] [6] [7] [8]

- Ensure community response agencies are communicating with preparedness agencies such as Public Safety Canada to receive terrorism preparedness training.

- Ensure community-based biological terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises).

- Ensure facilities that are potential terrorism targets have emergency management plans and plans for containment of hazardous materials.

- Ensure police and/or security provided surveillance and security in locations at high risk of a terrorist attack.

- Ensure residents understand the need to and would report suspicious activities around biological laboratories or drug manufacturing plants that are potential targets of terrorist attacks.

- Ensure the community has provided terrorist education and training to residents

- Ensure the community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to biological laboratories or drug manufacturing plants.

- Ensure there is a warning system in place to notify community residents and businesses of a potential terrorist attack and how to prepare for it.

- Ensure there is a warning system in place to notify police, fire and ambulance personnel of a potential terrorist attack .

- Ensure audit mechanisms independent of local authorities are in place to ensure civil liberties are respected and maintained.

Terrorism – Chemical [9] [10] [11] [12]

- Ensure chemical or other facilities that are potential terrorism targets have emergency management plans and plans for containment of hazardous materials.

- Ensure community response agencies are communicating with preparedness agencies such as Public Safety Canada to receive terrorism preparedness training.

- Ensure community-based chemical terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises)

- Ensure police and/or security provided surveillance and security in locations at high risk of a terrorist attack.

- Ensure residents understand the need to and would report suspicious activities around facilities that are potential targets of explosives and bombs.

- Ensure the community has provided terrorist education and training to residents.

- Ensure the community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to chemical plants.

- Ensure there is a warning system in place to notify community residents and businesses of a potential terrorist attack and how to prepare for it.

- Ensure there is a warning system in place to notify police, fire and ambulance personnel of a potential terrorist attack

- Ensure audit mechanisms independent of local authorities are in place to ensure civil liberties are respected and maintained.

Terrorism – Cyber-terrorism [13] [14] [15]

- Ensure community offices and agencies back up all files and important information and documents offsite to help protect them from loss due to viruses or hardware damage.
- Ensure community offices and agencies block spyware attacks by installing and updating anti-spyware software.
- Ensure community offices and agencies have strict policies in place that prohibit staff and officials from accessing pornographic or illegal websites.
- Ensure community offices and agencies protect remote and wireless network access by turning off computer s when not in use.
- Ensure community offices and agencies regularly update all computer software**.**
- Ensure community offices and agencies use an appropriate firewall to keep out hackers.
- Ensure community offices and agencies use anti-virus software.
- Ensure community response agencies are communicating with preparedness agencies such as Public Safety Canada to receive terrorism preparedness training
- Ensure community-based terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises)
- Ensure facilities that are potential terrorism targets have emergency management plans and plans for containment of hazardous materials.
- Ensure police and/or security provided surveillance and security in locations at high risk of a terrorist attack.
- Ensure that there is a warning system in place to notify community residents and businesses of a potential cyber-terrorist attack and how to prepare for it.
- Ensure that there is a warning system in place to notify police, fire and ambulance personnel of a potential cyber-terrorist attack
- Ensure audit mechanisms independent of local authorities are in place to ensure civil liberties are respected and maintained.

Terrorism – Explosives and Bombs [16] [17] [18] [19]

- Ensure businesses that use explosives on a regular basis monitor usage and provide secure access to these explosives.
- Ensure community response agencies are communicating with preparedness agencies such as Public Safety Canada to receive terrorism preparedness training
- Ensure community-based explosive and bomb terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises)
- Ensure facilities that are potential terrorism targets have emergency management plans and plans.
- Ensure police and/or security provided surveillance and security at facilities that are at high risk of a terrorist attack from explosive and bombs.
- Ensure that residents understand the need to and would report suspicious activities around facilities that are potential targets of explosives and bombs.
- Ensure that the community has provided terrorist education and training to residents
- Ensure that the community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to terrorist targets.

- Ensure that there is a warning system in place to notify community residents and businesses of a potential explosive or bomb terrorist attack and how to prepare for it.

- Ensure that there is a warning system in place to notify police, fire and ambulance personnel of a potential explosive and bomb terrorist attack

- Ensure that audit mechanisms independent of local authorities are in place to ensure civil liberties are respected and maintained.

Terrorism – Nuclear [20] [21] [22] [23] [24]

- Ensure community response agencies are communicating with preparedness agencies such as Public Safety Canada to receive terrorism preparedness training

- Ensure community-based nuclear terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises)

- Ensure nuclear facilities that are potential terrorism targets have emergency management plans and plans for containment of hazardous materials.

- Ensure police and/or security provided surveillance and security at nuclear facilities that are at high risk of a terrorist attack.

- Ensure residents understand the need to and would report suspicious activities around facilities that are potential targets of explosives and bombs.

- Ensure the community has plans in place for the evacuation of residents to safe shelters.

- Ensure the community has plans which include banning food and water distribution, sheltering livestock, protecting animal feed and providing uncontaminated feed, especially to milk producing cows, goats, and sheep.

- Ensure the community has provided terrorist education and training to residents

- Ensure the community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to nuclear plants.

- Ensure there is a warning system in place to notify community residents and businesses of a potential nuclear terrorist attack and how to prepare for it.

- Ensure there is a warning system in place to notify police, fire and ambulance personnel of a potential nuclear terrorist attack

- Ensure audit mechanisms independent of local authorities are in place to ensure civil liberties are respected and maintained.

References

[1] Gordon, James A. (2001). Risk Assessment and Management in Local Government Emergency Planning. Institute for Catastrophic Loss Reduction. Retrieved from
http://www.iclr.org/images/Risk_assessment_and_management_in_local_government_emergency_planning.

[2] Public Safety and Emergency Preparedness Canada. (2005). The Chemical, Biological, Radiological and Nuclear Strategy of the Government of Canada. Retrieved from http://www.publicsafety.gc.ca/pol/em/fl/strat_e.pdf

[3] Melchers, Robert E. (2002). Safety and Risk in Structural Engineering. Progress in Structural Engineering and Materials, 4:193–202.

[4] Lemyre, L., Lee, J., Turner, M. & Krewski, D. (2007). Terrorism preparedness in Canada: a public survey on perceived institutional and individual response to terrorism. International Journal of Emergency Management, 4, 296-315.

[5] Gordon, James A. (2001). Risk Assessment and Management in Local Government Emergency Planning. Institute for Catastrophic Loss Reduction. Retrieved from
http://www.iclr.org/images/Risk_assessment_and_management_in_local_government_emergency_planning.pdf

[6] Melchers, Robert E. (2002). Safety and Risk in Structural Engineering. Progress in Structural Engineering and Materials, 4:193–202.

[7] Public Safety and Emergency Preparedness Canada. (2005). The Chemical, Biological, Radiological and Nuclear Strategy of the Government of Canada. Retrieved from http://www.publicsafety.gc.ca/pol/em/fl/strat_e.pdf

[8] Lemyre, L., Lee, J., Turner, M. & Krewski, D. (2007). Terrorism preparedness in Canada: a public survey on perceived institutional and individual response to terrorism. International Journal of Emergency Management, 4, 296-315.

[9] Gordon, James A. (2001). Risk Assessment and Management in Local Government Emergency Planning. Institute for Catastrophic Loss Reduction. Retrieved from
http://www.iclr.org/images/Risk_assessment_and_management_in_local_government_emergency_planning.

[10] Public Safety and Emergency Preparedness Canada. (2005). The Chemical, Biological, Radiological and Nuclear Strategy of the Government of Canada. Retrieved from http://www.publicsafety.gc.ca/pol/em/fl/strat_e.pdf

[11] Melchers, Robert E. (2002). Safety and Risk in Structural Engineering. Progress in Structural Engineering and Materials, 4:193–202.

[12] Lemyre, L., Lee, J., Turner, M. & Krewski, D. (2007). Terrorism preparedness in Canada: a public survey on perceived institutional and individual response to terrorism. International Journal of Emergency Management, 4, 296-315.

[13] Communications Security Establishment Canada. (n.d.). Welcome to the Communications Security Establishment Canada: Canada's national cryptologic agency. Retrieved from http://www.cse-cst.gc.ca/index-eng.html

[14] King County Office of Emergency Management. (2009). King County Regional Hazard Mitigation Plan. Retrieved from http://www.kingcounty.gov/safety/prepare/EmergencyManagementProfessionals/Plans/RegionalHazardMitigationPlan.aspx

[15] Public Safety Canada. (2011). Cyber-Security Information for Canadians. Retrieved June 15 2011 from http://www.publicsafety.gc.ca/prg/ns/cbr/csi-eng.aspx#c2

[16] Gordon, James A. (2001). Risk Assessment and Management in Local Government Emergency Planning. Institute for Catastrophic Loss Reduction. Retrieved from
http://www.iclr.org/images/Risk_assessment_and_management_in_local_government_emergency_planning.pdf
Melchers, Robert E. (2002). Safety and Risk in Structural Engineering. Progress in Structural Engineering and Materials, 4:193–202.

[17] Public Safety and Emergency Preparedness Canada. (2005). The Chemical, Biological, Radiological and Nuclear Strategy of the Government of Canada. Retrieved from http://www.publicsafety.gc.ca/pol/em/fl/strat_e.pdf

[18] Melchers, Robert E. (2002). Safety and Risk in Structural Engineering. Progress in Structural Engineering and Materials, 4:193–202.

[19] Lemyre, L., Lee, J., Turner, M. & Krewski, D. (2007). Terrorism preparedness in Canada: a public survey on perceived institutional and individual response to terrorism. International Journal of Emergency Management, 4, 296-315.

[20] Gordon, James A. (2001). Risk Assessment and Management in Local Government Emergency Planning. Institute for Catastrophic Loss Reduction. Retrieved from
http://www.iclr.org/images/Risk_assessment_and_management_in_local_government_emergency_planning.pdf

[21] Public Safety and Emergency Preparedness Canada. (2005). The Chemical, Biological, Radiological and Nuclear Strategy of the Government of Canada. Retrieved from http://www.publicsafety.gc.ca/pol/em/fl/strat_e.pdf

[22] Melchers, Robert E. (2002). Safety and Risk in Structural Engineering. Progress in Structural Engineering and Materials, 4:193–202.

[23] Lemyre, L., Lee, J., Turner, M. & Krewski, D. (2007). Terrorism preparedness in Canada: a public survey on perceived institutional and individual response to terrorism. International Journal of Emergency Management, 4, 296-315.

[24] Fingas, Merv. (2002). The Handbook Of Hazardous Materials Spills Technology. New York: McGraw-Hill