



Response to alarms from vehicle radiation monitoring systems

The radiation warning symbol, known as the trefoil, appears on devices or containers which contain radioactive material. The symbol may be magenta or black, and is generally located on a yellow background. This symbol may appear on its own, or may be part of a sign affixed to the device containing radioactive material. This symbol alerts the public to the presence of radioactive material.

If devices or containers containing radioactive material are not properly disposed of, they may trigger alarms from vehicle radiation monitoring systems at waste disposal facilities or scrap metal facilities.

What to do if a vehicle radiation monitoring system alarms:

- **Pass the vehicle through the radiation monitor twice to confirm a valid alarm.**
- **Ask the driver of the vehicle if he/she has recently received medical treatment with radioisotopes.**
- **Move the vehicle to an isolated area.**
- **Identify the origin of the shipment and/or type of shipment (i.e. scrap metal, garbage trucks, etc).**
- **Call the Canadian Nuclear Safety Commission (CNSC) Duty Officer at (613) 995-0479.**

Radiation Warning Symbol (Trefoil)



magenta on a yellow background



black on a yellow background

If you choose to accept the load, CNSC staff must be contacted to determine the applicability of requirements under the *Nuclear Safety and Control Act*.

If you choose to reject the load, an estoppel must be requested from the CNSC by the carrier. An estoppel allows the load of waste to be returned to its point of origin (or other specified destination) in a manner that does not comply with all or some of the regulations pertaining to transport of radioactive material. To contact the CNSC or to obtain an estoppel form, call the CNSC Duty Officer at (613) 995-0479, or contact one of our regional offices:

Western Regional Office: Calgary, Alberta
Phone: (403) 292-5181
Fax: (403) 292-6985

Southern Ontario Regional Office: Mississauga, Ontario
Phone: (905) 821-7760
Fax: (905) 821-8544

Central Regional Office: Ottawa, Ontario
Phone: 1-888-229-2672
Fax: (613) 995-5086

Eastern Regional Office: Laval, Québec
Phone: (450) 973-5766
Fax: (450) 973-5779

The Canadian Nuclear Safety Commission regulates the use of nuclear energy and materials to protect health, safety, security and the environment and to respect Canada's international commitments on the peaceful use of nuclear energy.

The information on this poster is provided for reference purposes only. The *Nuclear Safety and Control Act* and associated regulations and the *Transportation of Dangerous Goods Act* and associated regulations should be consulted for official purposes.

For more information, visit our Web site at www.nuclearsafety.gc.ca, or contact us at:

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280 Slater Street
P.O. Box 1046, Station B
Ottawa, Ontario K1P 5S9
CANADA

Phone: (613) 995-5894 or
1-800-668-5284 (in Canada)
Fax: (613) 995-5086

