



Canadian Nuclear  
Safety Commission

Commission canadienne  
de sûreté nucléaire

# What does an integrated approach to transport security mean to you?

## Canadian (Regulator's) Perspective

Transport Security Unified Stakeholders Group

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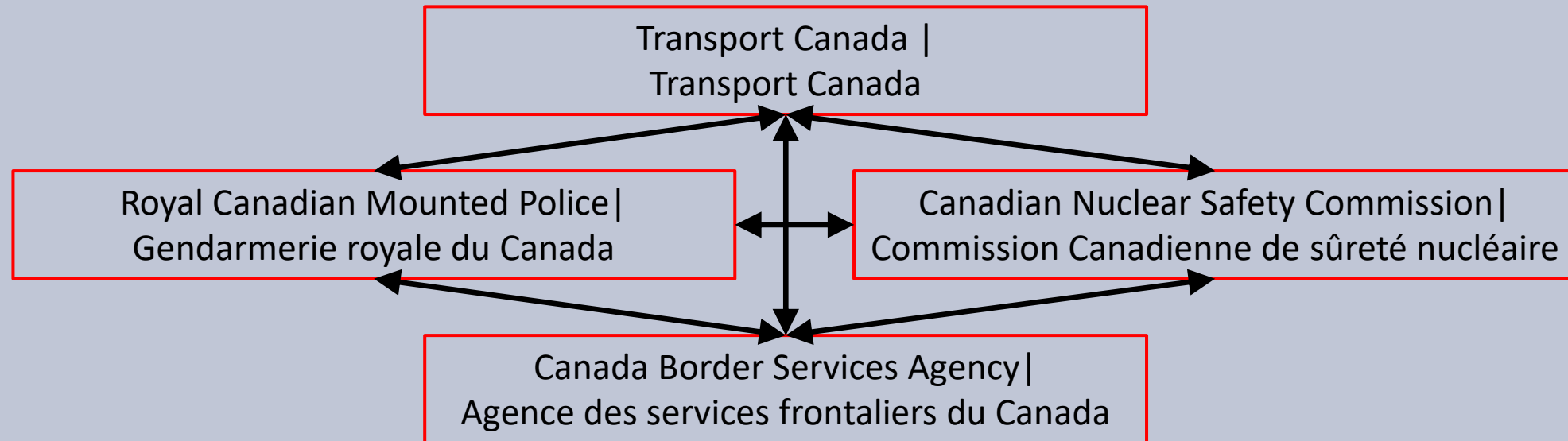
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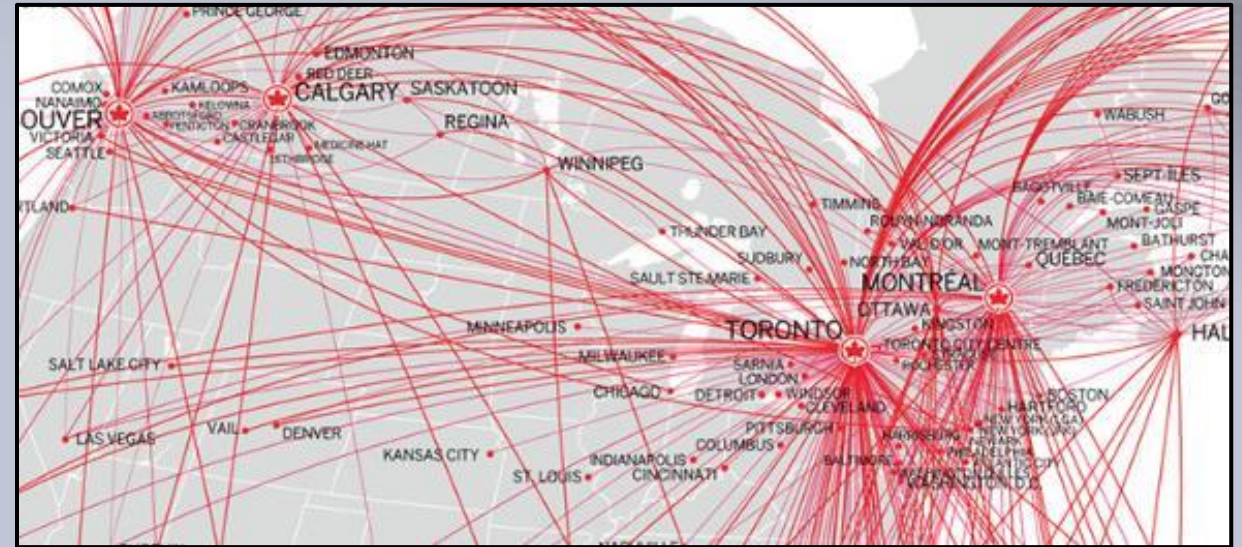
# What does an integrated approach to transport security mean to you?

An integrated approach to transport security means that there is not one single group/organization in charge of all aspects related to transport security, as it is a multi-faceted problem that requires a diverse range of expertise to properly ensure the security of radioactive material during transport, especially when it comes to high-risk Category 1 and 2 sources/material



# Canadian Perspective on Transport Security

- Canada exports about 19% of the world's uranium and about half of the world's radioactive material supply.
- Approximately 1 million radioactive materials packages are safely transported each year.



<https://www.aircanada.com/content/dam/aircanada/portal/images/tiles/book/routes-and-partners/tile50-where-we-fly.jpg>



# Transport Canada (TC)

- Responsible for administering the Transport of Dangerous Goods (TDG) Act and the Transportation of Dangerous Goods Regulations (TDGR)
- TDGR requires that shipments of dangerous goods bear proper safety marks and accompanied by proper documentation
- In relation to radioactive/nuclear substances TC is responsible for reviewing and approving Emergency Response Assistance Plans (ERAPs)
- And operate the Canadian Transport Emergency Centre (CANUTEC)



<https://nuclearaustralia.com.au/wp-content/uploads/2020/01/Picture1.png>



## In the event of an emergency

In the event of an emergency involving dangerous goods, call CANUTEC at **1-888-CAN-UTEC (226-8832)**, **613-996-6666** or **\*666 on a cellular phone**.



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# Canadian Nuclear Safety Commission (CNSC)

Nuclear Security Division	Transport Licensing and Strategic Support Division	Non-Proliferation and Export Controls Division
<ul style="list-style-type: none"> <li>Assess the security measures for transport licence applications in submitted transport security plans, against relevant requirements and guidance summarized in REGDOC-2.12.3 Part A Section 4.0</li> <li>Most relevant to the discussion at hand are those associated with transport security measures and plan.</li> </ul>	<ul style="list-style-type: none"> <li>Regulate radiation devices and the transport of nuclear substances by means of certification process, licensing and inspections</li> <li>Regulate the safe transport of nuclear substances in Canada with cooperation with Transport Canada</li> <li>Test, maintain and manage the Sealed Source Tracking System (SSTS) for Category 1 and 2 sealed sources</li> <li>Certify packages used for the transport of nuclear substances</li> <li>Administer the requirements under the Packaging and Transport of Nuclear Substances Regulations, 2015</li> </ul>	<ul style="list-style-type: none"> <li>Assess applications, issue licences, implement control measures and verify compliance for the export and import of nuclear and nuclear-related dual use substances, equipment and technology, and of risk-significant radioactive sources</li> <li>Provide technical and policy advice on nuclear non-proliferation and export/import control issues, and on associated national and international regimes and control measures</li> </ul>



# Canada Border Services Agency

- In general, CBSA's role is to act as a first line of defence when it comes to the import/export of Class 7 material, they do this by:
  - Verification of shipping documents to ensure that required information is provided
  - Determine if the safety marks on the means of containment are present
  - Maintaining and monitoring radiation portal monitors situated at the major ports/border crossings, to detect unauthorized entry or exit of radioactive material into Canada
- Roles between CBSA and CNSC/TC are codified in the following memoranda:
  - Memorandum D19-13-5, and, D19-2-1, respectively



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[http://fraservalleynewsnetwork.com/wp-content/uploads/2015/11/STK\\_Canada-Border-Services-3.jpg](http://fraservalleynewsnetwork.com/wp-content/uploads/2015/11/STK_Canada-Border-Services-3.jpg)



[https://d3pcsg2wj9izr.cloudfront.net/files/119440/products/793546/119440\\_2\\_202110051439488027787\\_raw.jpg](https://d3pcsg2wj9izr.cloudfront.net/files/119440/products/793546/119440_2_202110051439488027787_raw.jpg)

# Royal Canadian Mounted Police (RCMP)

- RCMP will intervene if and only if it is within their jurisdiction and there are criminal implications otherwise the local law enforcement agency may also fulfill all or part of this role depending upon the nature of the criminal offence



<https://c0.wallpaperflare.com/preview/487/137/149/mounted-police-rcmp-canadian-canada.jpg>



<https://carrolltrustcase.com/wp-content/uploads/2014/05/rcmp6.jpg>

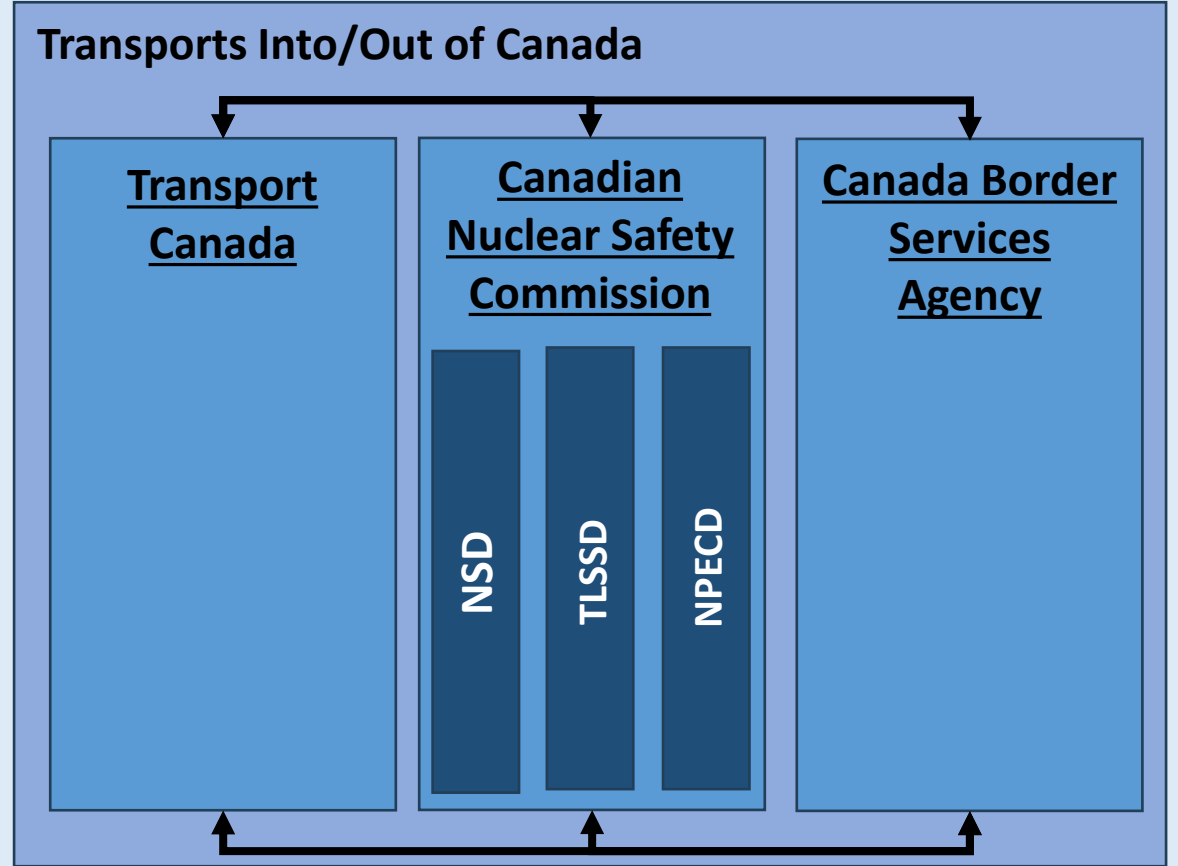
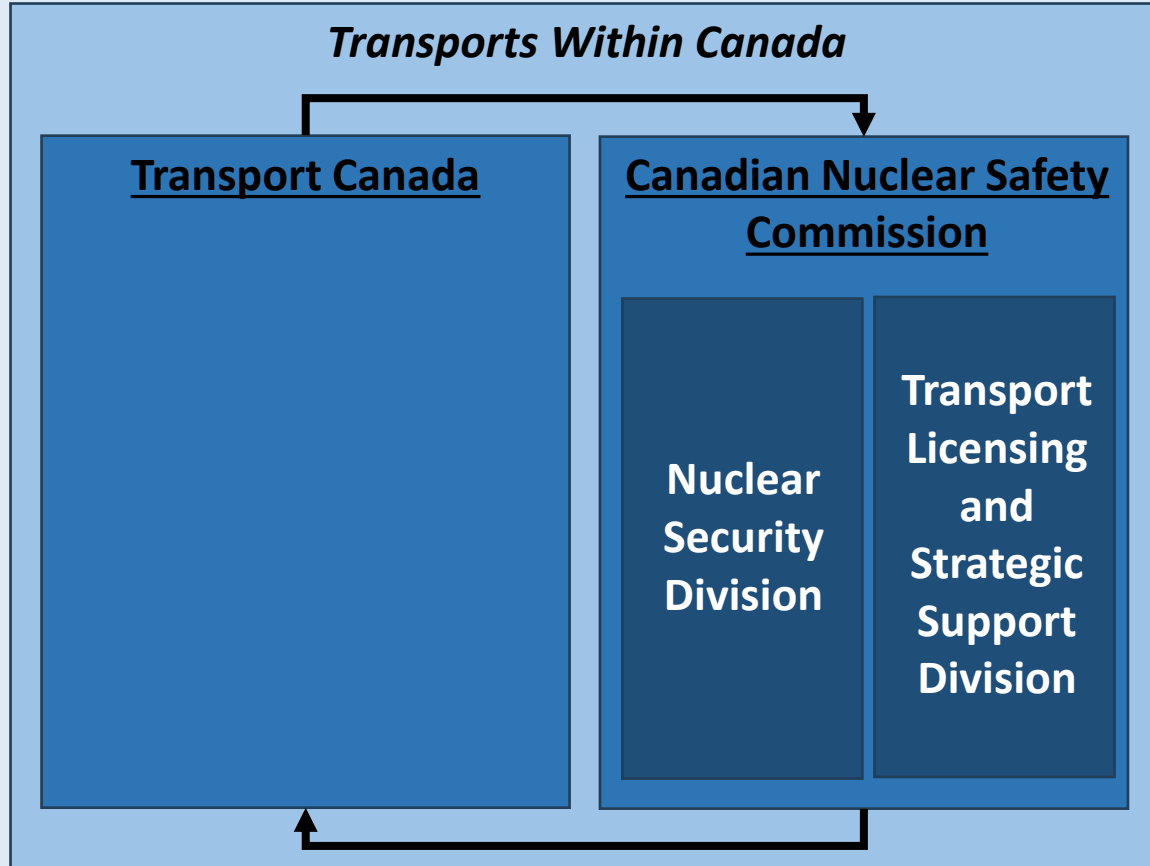


<https://www.rcinet.ca/eye-on-the-arctic/wp-content/uploads/sites/30/2014/10/07282523.jpg>



# Summary

## Royal Canadian Mounted Police





# QUESTIONS

