

Role and Recent Activities of the Federal Provincial and Territorial Radiation Protection Committee (FPTRPC)

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Federal Provincial and Territorial Radiation Protection Committee

The Federal Provincial Territorial Radiation Protection Committee (FPTRPC) was created to advance the development and harmonization of practices and standards for radiation protection within federal, provincial and territorial jurisdictions, and to communicate these to Canadians.

Membership

Yukon Robert Rees

LPTRPC - CRA

Northwest Territories and Nunavut Monika Kumala

British Columbia Colin Murray Derek Martinig

> Alberta Gary Hughes

> > Saskatchev

Manitoba Ingvar Fife Dave Niven

Saskatchewan Brent Preston en Ontario

Leo Tse Madelaine Fedorowich Quebec Ir Martin Benoît Gagnon Phys., Ing.

Newfoundland & Labrador Nancy Hounsell

Prince Edward Island Ryan Neale Michelle Cottreau New Brunswick Eshwar Kumar

Province Member's name Alternate's name



2016 FPTRPC Meetings

October 18 to 21, 2016 in Ottawa



Challenges and Opportunities

- Many new members
- Working groups
- Website
- New applications

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Explore Main Menu	Federal Provincial Territorial Radiation Protection Committee Welcome to the Federal Provincial Territorial Radiation Protection Committee (FPTRPC) web	1
Healthy Canadians Media Room Site Map	pages. The FPTRPC was created to advance the development and harmonization of practices and standards for radiation protection within Federal, Provincial and Territorial jurisdictions, and to communicate these to the people of Canada.	
Fransparency Regulatory Fransparency and Openness	The documents reflected on the FPTRPC website are not a reflection of Health Canada, but representation of Federal Provincial Territorial membership.	
Completed Access to Information Requests Proactive Disclosure	Information about the FPTRPC Mission, Mandate and Role of Delegates	
	Guidelines and Supported Items List of Safety Guidelines and Position Statements	
	Partners and Stakeholders List of Canadian and US Partners and Stakeholders	
	Contact your Federal Provincial and Territorial Member List of members directly responsible for radiation protection within their respective jurisdictions	
	Information about the FPTRPC	-
	Mission, Mandate and Role of Delegates	
	Mission	
	Our mission is to advance the development and harmonization of practices and standards for radiation protection within Federal, Provincial and Territorial jurisdictions.	
	Mandate	
	An intergovernmental Committee established to support Federal, Provincial and Territorial radiation protection agencies in their respective mandates by:	,
	 providing a national focus for government radiation protection agencies; 	



Working Groups

- Business Plan and Communications Working Group
- Canadian Naturally Occurring Radioactivity Material Working Group
- Electromagnetic Fields Working Group
- Radiation Dosimetry Working Group
- Radiation Protection in Healthcare Working Group

Current Priorities

- Naturally Occurring Radioactive Material (NORM) (5)
- X-ray equipment (4)
- Handheld x-ray equipment (4)
- Lasers (4)
- Regulatory framework (3)
- Knowledge gaps (3)



NORM

- Applications for landfill permits
- Long-term implications of NORM disposal
- Need for guidance
- Radon is always a concern for non-uranium mining and exploration activities



Photo from TGE Resources, Inc.

X-Ray Equipment

- Supplier and ownership control
- Unregistered use of equipment by chiropractors
- Patients want to know their doses
- Fluoroscopy in operating rooms and emergency rooms without radiation safety training
- Use in law enforcement
- Regular doses over 5 mSv has been observed in veterinary hospitals



Handheld X-Ray Equipment

- Some jurisdictions are getting weekly calls requesting to use handheld equipment
- Circumstances may warrant handheld equipment
 - dental surgeons working in hospitals
 - remote areas
 - confined areas

Photo from Inline Systems Pty Limited

- Radiation Emitting Devices Regulations to allow handheld equipment
 - Safety Code (SC) 30 to be revised
 - Need for guidance before SC 30 is updated



• Unregulated use of high powered lasers



Image from BeamQ laser



- Regulations have been repealed or dated in some provinces/territories
- Basic safety standards?
- CNSC's REGDOC-2.7.1 and 2.7.2
 - Regulatory approach for radiation protection and dosimetry



Knowledge Gaps

- Training
- Succession planning



Photo from LANDAUER Inc.

Ongoing Working Group Activities

- Canadian NORM guidelines should be re-opened with broader stakeholder consultation
- Transportation guidelines for NORM are almost complete and should be finalized
- NORM waste disposal issue needs to be addressed
- Multibadging document to be finalized
- Tanning equipment guidelines
- Updating the website



Next Meeting

- Hosted by Health Canada
- Ottawa, Ontario
- October 24-27



For more information visit the website: <u>http://www.hc-sc.gc.ca/ewh-semt/radiation/fpt-</u> <u>radprotect/index-eng.php</u>

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