



The Management of Naturally Occurring Nuclear Substances (NONS)

Working Together Towards a Solution
Presentation to the Federal Provincial Territorial Radiation Protection Committee
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Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Canada

Current Situation

- General Nuclear Safety and Control Regulations, Section 10, NONS Exemption
- Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM)
- Technical Report on the Management of Naturally Occurring Radioactive Materials (NORM) in Waste

Why Now?

- CNSC Outreach Program as part of the regulatory strategy has brought forward some questions.
 - Poster and pamphlet on alarm response guidelines for portal monitors
- NONS are being discovered and reported to the CNSC
 - Inquiries from the Canadian Steel Producers Association (CSPA) and the Canadian Association of Recycling Industries (CARI)
 - Inquiries from the private sector
 - Many questions are related to the issue of NONS disposal

What's the Issue?

Recurring themes include:

- Confusion over who regulates NONS
- Provincial/territorial differences
- Available documentation is technical; no clear management options for NONS
- Potential consequences of stockpiling NONS leading to abandonment or dumping of NONS

CNSC Actions

- CNSC Regulatory Strategy
- Collecting contact information with respect to NONS from FPTRPC
- Reviewing what's being done on the international stage with respect to NONS
- Collecting information from industry to assess the magnitude of the problem

What Needs to be Done?

- Provide regulatory clarity and clear options for managing NONS
- Prepare a fact sheet regarding NONS
- Publication of all relevant NONS information in one accessible location
- Open sharing of existing provincial/territorial practices with respect to NONS handling and disposal
- Potentially form a working group with FPTRPC and CNSC staff to work through the issues to achieve regulatory clarity

QUESTIONS??

Merci

Thank you

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