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Date: Thu, 31 May 2018 16:13:01 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: The Science of Safety – CNSC Research Report 2016–17

The Canadian Nuclear Safety Commission (CNSC) is pleased to present The Science of Safety – CNSC Research Report 2016–17. It is the fourth annual edition of this publication.

The CNSC's science of safety reports demonstrate our leadership in and commitments to research, and our goals to strengthen nuclear safety standards and safeguards.

The CNSC regularly makes research and related information available to the public, but it often contains very technical and scientific language. The Science of Safety – CNSC Research Report 2016–17 summarizes our research program while making the results more accessible to general audiences.

The research results in this report benefit the CNSC in a variety of ways. They support our organization's regulatory decisions. They help to identify issues that may lead to eventual hazards. They also assist the CNSC in developing tools and techniques to address issues that arise.

Read the report:<http://nuclearsafety.gc.ca/eng/resources/publications/reports/research-reports/index.cfm>

Date: Fri, 25 May 2018 10:36:49 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: Feature article - Fukushima: Lessons Learned to Improve Emergency Preparedness

The most important lesson Fukushima has taught us is to expect the unexpected, and to be prepared to respond to it. Following the accident, the CNSC took concrete action to enhance their emergency preparedness programs and regulatory oversight.

Read our latest feature article to learn about the key improvements and updates made to emergency management regulations and standards since the accident.

<http://nuclearsafety.gc.ca/eng/resources/educational-resources/feature-articles/fukushima-lessons-learned.cfm>

Date: Thu, 24 May 2018 14:05:27 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: Now available: Overview of Canada's radioactive waste inventory

Every three years, Natural Resources Canada (NRCan) collects, compiles and analyzes radioactive waste inventory data in Canada. The updated data is published in the triennial Inventory of radioactive waste in Canada report, which provides an overview of the production, accumulation and future projections of radioactive waste in Canada based on Canada's four main waste categories.

The inventory data is reported internationally in Canada's national reports to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management. NRCan also provides this data to the International Atomic Energy Agency's radioactive waste management database, which tracks low- and intermediate-level radioactive waste worldwide.

Read the report: https://nrcan.gc.ca/sites/www.nrcan.gc.ca/files/energy/pdf/uranium-nuclear/17-0467%20Canada%20Radioactive%20Waste%20Report_access_e.pdf

Learn more about the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management:

<http://nuclearsafety.gc.ca/eng/resources/publications/reports/jointconvention/index.cfm>

Read the Canadian Nuclear Safety Commission's factsheet on Oversight of Canada's Framework for Radioactive Waste Management: <http://nuclearsafety.gc.ca/eng/resources/fact-sheets/oversight-canada-framework-radioactive-waste-management.cfm>

Date: Tue, 22 May 2018 10:31:07 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: Canada presents at the Sixth Review Meeting of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management

Today, the Canadian delegation, led by Ramzi Jammal, the Canadian Nuclear Safety Commission's Executive Vice-President and Chief Regulatory Operations Officer, presented at the Sixth Review Meeting of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management.

The Canadian delegation members represent federal departments and agencies, as well as industry organizations, including the Canadian Nuclear Safety Commission, Natural Resources Canada, Ontario Power Generation, Nuclear Waste Management Organization, Atomic Energy of Canada Limited, Canadian Nuclear Laboratories, and Hydro-Québec.

The delegation presented Canada's Sixth National Report, which demonstrates that Canada continues to meet its obligations under the terms of the Joint Convention and continues to maintain a consistently high level of safety in the management of spent fuel and radioactive waste, and to protect the health and safety of the public and the environment.

As required by the Convention, Canada submitted its report for international peer review in October 2017. As part of the process, Canada welcomed 86 questions and comments from 17 Contracting Parties, and produced a response report.

The review meeting is being held at the International Atomic Energy Agency's headquarters in Vienna, Austria, from May 21 to June 1. During this time, the Canadian delegation will participate in plenary and country group sessions – not only to present the Canadian national report but also to review other countries' spent fuel and radioactive waste management programs. The goal is to challenge and learn from others in an effort to continuously strengthen nuclear waste management practices in Canada and around the world.

Read the Canadian delegation presentation:

<http://nuclearsafety.gc.ca/eng/resources/presentations/2018.cfm#seniormanagement>

Read Canada's Sixth National Report and the responses to questions raised from peer review of Canada's Sixth National Report:

<http://nuclearsafety.gc.ca/eng/resources/publications/reports/jointconvention/index.cfm#national>

Date: Thu, 17 May 2018 16:30:49 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: Extension of President Michael Binder's appointment

The Canadian Nuclear Safety Commission (CNSC) is pleased to announce that President Michael Binder's originally scheduled departure date of May 8 has been extended to August 8, 2018.

For more information about President Binder's re-appointment, visit the Government of Canada Orders in Council website. <http://orders-in-council.canada.ca/attachment.php?attach=36196&lang=en>

Date: Wed, 16 May 2018 12:19:41 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: Presentation by Ramzi Jammal at the 42nd International Nuclear Regulators Association Meeting

On Wednesday, May 16, 2018, Ramzi Jammal, CNSC Executive Vice-President and Chief Regulatory Operations Officer, delivered a presentation jointly with the Honourable Kristine Svinicki, Chairman of the U.S. Nuclear Regulatory Commission, titled "Nuclear Emergency Management in Canada and the United States" at the 42nd International Nuclear Regulators Association Meeting in Gyeongju, Republic of Korea.

Mr. Jammal and Chairman Svinicki described the responsibilities of licensees and various levels of government and the regulatory roles in their respective countries, during a nuclear emergency. They also provided information on how Canada and the United States collaborate on planning, share information and participate in each other's emergency exercises.

Read the presentation:

<http://nuclearsafety.gc.ca/eng/resources/presentations/2018.cfm#seniormanagement>

Date: Fri, 11 May 2018 12:37:07 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: CNSC Speaker Series welcomes Dr. Duane Bratt

The CNSC Speaker Series is pleased to welcome Dr. Duane Bratt, political science Professor and Chair in the Department of Economics, Justice, and Policy Studies at Mount Royal University in Calgary, Alberta. Dr. Bratt will give a presentation titled "@Risk: Assessing Canada's Nuclear Waste Management".

Dr. Bratt will highlight his work on a nuclear case study that focuses on the risk assessment and

management of the site-selection process for Canada's permanent high-level nuclear waste storage facility. He will discuss the risk management of the transportation routes that will be necessary to carry nuclear wastes to the permanent deep geological repository (DGR). He will also highlight the several many types of risks and uncertainties that exist in this case, how they are assessed by different groups and stakeholders, and how they are managed by authorities.

Read more:

<http://nuclearsafety.gc.ca/eng/resources/guest-speakers/index.cfm>

Date: Mon, 7 May 2018 11:41:26 -0400 (EDT)

From: CNSC.Info.CCSN@canada.ca

Subject: CNSC publishes REGDOC-3.2.1, Public Information and Disclosure

This regulatory document sets out requirements and guidance for public information and disclosure for licensees and applicants of Class I and Class II nuclear facilities, and uranium mines and mills, for all lifecycle phases.

This document supersedes RD/GD-99.3, Public Information and Disclosure, published in March 2012, and includes the following modifications:

- Section 2.2.4, Public information strategy and products: the CNSC added text requiring licensees to post summaries of their probabilistic safety assessments and the complete text of their environmental risk assessments on their respective websites. This is to be done as part of their public information programs (if the assessments are a licence requirement).

- Section 1.2 Scope: The first sentence is modified to clarify that some hospitals are required to have a public information and disclosure program, because of the nature of their activities.

For more information:

<http://nuclearsafety.gc.ca/eng/acts-and-regulations/regulatory-documents/history/regdoc3-2-1.cfm>