

CAC September 19, 2017 – APPENDIX 3

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From: CNSC.Information.CCSN@canada.ca

Sent: October 4, 2017 4:25 PM

Subject: Publication of Regulations Amending Certain Regulations Made Under the Nuclear Safety and Control Act

To apply the lessons learned from the Fukushima event, the Canadian Nuclear Safety Commission (CNSC) has amended the Class I Nuclear Facilities Regulations, the Uranium Mines and Mills Regulations and the Radiation Protection Regulations.

The Canadian Nuclear Safety Commission (CNSC) has published the Regulations Amending Certain Regulations Made Under the Nuclear Safety and Control Act in the Canada Gazette, Part II and they are now in force.

For more information on the Regulations Amending Certain Regulations Made Under the Nuclear Safety and Control Act:

https://www.canada.ca/en/nuclear-safety-commission/news/2017/10/publication_of_regulationsamendingcertainregulationsmadeunderthe.html

From: CNSC.Information.CCSN@canada.ca

Sent: October 3, 2017 4:57 PM

Subject: Review of the Draft Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material, 2012 Edition

The International Atomic Energy Agency (IAEA) has initiated a review of its IAEA Safety Standards Series Safety Guide No. SSG-26, Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material, 2012 Edition (<http://www-ns.iaea.org/committees/files/TRANSSC/1634/DS496Step8marked.pdf>). This document provides guidance on the requirements to ensure safety and to protect persons, property and the environment from the effects of radiation during the transport of radioactive material(s).

Following an invitation from the IAEA to identify issues and suggestions for changes to SSG-26, the IAEA invites its Member States to submit comments on the proposed revised SSG-26. For its part, the Canadian Nuclear Safety Commission (CNSC) invites the public to provide their comments on the proposed document.

<http://www.nuclearsafety.gc.ca/eng/nuclear-substances/packaging-and-transport-of-nuclear-substances/review-of-IAEA-transport-regulations.cfm>

The CNSC will compile all comments received and submit a Canadian response to the IAEA.

Please complete the IAEA form (<https://www-ns.iaea.org/downloads/standards/ms-comments.doc>) with your comments and suggestions, and email it as an attachment to the CNSC at cnscc.transport.ccsn@canada.ca before December 1, 2017.

For more information, consult the IAEA's Transport (<http://www-ns.iaea.org/tech-areas/radiation-safety/transport.asp>) Safety Web page.

From: CNSC.Information.CCSN@canada.ca

Sent: September 29, 2017 1:59 PM

Subject: Notice of public hearing and participant funding offering

The CNSC will hold a two-part public hearing on April 4, 2018 and June 26–28, 2018 to consider an application from Ontario Power Generation (OPG) to renew its nuclear power reactor operating licence for the Pickering Nuclear Generating Station (NGS) for a period of 10 years until August 31, 2028. The current operating licence expires on August 31, 2018.

The Pickering NGS is located in the municipality of Pickering, Ontario on the north shore of Lake Ontario. OPG intends to cease commercial operation of all Pickering units on December 31, 2024.

Through its Participant Funding Program, the CNSC is offering funding to assist members of the public, Indigenous groups and other stakeholders in reviewing OPG's application and other relevant documentation specifically related to the application.

A total of \$100,000 in participant funding is being offered for the provision of new, distinctive and valuable information, through informed and topic-specific interventions to the Commission. Funding will be awarded for the review of documentation including CNSC staff's and OPG's Commission member documents, and for participation in the public Commission hearing.

The deadline for submitting a completed participant funding application form to the CNSC is December 1, 2017.

Read the news release: https://www.canada.ca/en/nuclear-safety-commission/news/2017/09/notice_of_publichearingandparticipantfundingofferingforthereview0.html

From: CNSC.Information.CCSN@canada.ca

Sent: September 18, 2017 10:31 AM

Subject: Presentation by Peter Elder at the 2nd International CNS Conference

On September 18, 2017, Peter Elder, Vice-President and Chief Science Officer, Technical Support Branch, presented at the 2nd International CNS Conference on Fire Safety and Emergency Preparedness in the Nuclear Industry in Toronto, Ontario. The presentation focused on the CNSC's regulatory approach for fire protection and emergency management at nuclear facilities in Canada.

Read the presentation: <http://nuclearsafety.gc.ca/eng/resources/presentations/2017.cfm#20170830>

From: CNSC.Information.CCSN@canada.ca

Sent: September 18, 2017 7:47 AM

Subject: Presentation by Ramzi Jammal at an event to celebrate the 20th anniversary of the adoption of the Joint Convention

On September 18, 2017, Ramzi Jammal, CNSC Executive Vice-President and Chief Regulatory Operations Officer, delivered a presentation at an event to celebrate the 20th anniversary of the adoption of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management. This event was on the margins of the 61st International Atomic Energy Agency General Conference in Vienna, Austria. The presentation, titled “Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management: Canada’s Experience”, provides insight on the Canadian experience since ratification in June 2001 of the Joint Convention.

Read the presentation: <http://nuclearsafety.gc.ca/eng/resources/presentations/2017.cfm#20170830>

From: CNSC.Information.CCSN@canada.ca

Sent: August 31, 2017 9:40 AM

Subject: Enhancements to the CNSC’s IEMP content

Some enhancements were made to the CNSC’s Independent Environmental Monitoring Program (IEMP) Web page to provide you more access to information. Some of these updates are the result of recommendations made through our public Commission process.

You can now access:

- IEMP data in comma-separated values (CSV - <http://open.canada.ca/en/working-data#toc1a>) file format. This open format can be viewed in a standard spreadsheet application, such as Microsoft Excel. To view data for any facility of interest, simply click on its related CSV file at the top of the Web page.
- links to other departments, levels of government, agencies and licensees who carry out radiological and environmental monitoring and reporting.

The IEMP was implemented to verify that the public and the environment around licensed nuclear facilities are safe. It is separate from, but complementary to, the CNSC’s ongoing compliance verification program. The IEMP involves taking samples from public areas around the facilities, and measuring and analyzing the amount of radiological (nuclear) and hazardous substances in those samples. CNSC staff collect the samples and send them to the CNSC’s state-of-the-art laboratory for testing and analysis.

For more information:

<http://nuclearsafety.gc.ca/eng/resources/maps-of-nuclear-facilities/iemp/index-iemp.cfm>

From: CNSC.Information.CCSN@canada.ca

Sent: August 25, 2017 12:04 PM

Subject: Public invited to comment on discussion paper on a framework for recovery in the event of a nuclear or radiological emergency

The Canadian Nuclear Safety Commission (CNSC) is asking the public, Indigenous peoples and stakeholders to provide comments on discussion paper DIS 17-01, Framework for Recovery in the Event of a Nuclear or Radiological Emergency, until December 27, 2017.

DIS-17-01 describes the measures that decision makers may need to consider prior to or following the response to an emergency, in order to protect the public from potential health effects of long-term exposure to radiation, while taking into account any economic, political, environmental, cultural, ethical, psychological, and social factors.

DIS-17-01 aligns with the Radiation Protection Regulations and complements the CNSC's regulatory document REGDOC-2.10.1, Nuclear Emergency Preparedness and Response.

DIS-17-01 is available for public consultation for a period of 120 days, ending on December 27, 2017.

All comments received during the consultation will be reviewed and dispositioned. A What We Heard Report will be published to inform the public about how the CNSC will proceed, taking into account the feedback received.

For more information about DIS-17-01:

https://www.canada.ca/en/nuclear-safety-commission/news/2017/08/public_invited_tocommentondiscussionpaperdis-17-01frameworkforre.html

Related links:

- REGDOC-2.10.1, Nuclear Emergency Preparedness and Response:

<http://www.nuclearsafety.gc.ca/eng/acts-and-regulations/regulatory-documents/published/html/regdoc2-10-1/index.cfm>

From: CNSC.Information.CCSN@canada.ca

Sent: August 23, 2017 1:45 PM

Subject: Rad Facts launch – Irradiated Fuel Bays

Let's face it: understanding the science behind nuclear isn't always easy. That's why we want to tackle some of the tougher concepts through engaging infographics and videos that everyone can understand.

We are officially launching our RadFacts campaign today! RadFacts will provide educational tools that explore subjects ranging from seismic protection at nuclear facilities to radioactive foods. Our first topic is irradiated fuel bays: what they do, how they work, and more. Check out our infographic and stay tuned for more Rad Facts!

View the infographic:

<http://nuclearsafety.gc.ca/eng/resources/infographics/rad-facts-rayons-dinfo/ifb-pcu.cfm>

From: CNSC.Information.CCSN@canada.ca

Sent: August 22, 2017 3:41 PM

Subject: Additional information requested on OPG's Deep Geologic Repository

The Minister of Environment and Climate Change, the Honourable Catherine McKenna, has requested additional information on the environmental assessment for Ontario Power Generation's (OPG) proposed Deep Geologic Repository (DGR) project for low- and intermediate-level radioactive waste in Kincardine, ON.

On July 24, 2017, the Saugeen Ojibway Nation wrote to the Minister, stating that the communities are engaged in a community-driven process in order to make a well-informed decision on whether they can support the DGR project. This process relates to a commitment made by OPG to the Saugeen Ojibway Nation that OPG would not move forward with the project until the Nation's communities are supportive of it.

In light of OPG's commitment to the Saugeen Ojibway Nation and the Saugeen Ojibway Nation's letter of July 24, 2017, the Minister has issued a request for additional information to OPG to update its analysis of the potential cumulative effects of the project on physical and cultural heritage. The results of the Saugeen Ojibway Nation's process must inform this analysis and be incorporated in the proponent's response.

Following the submission of the updated cumulative effects analysis, the Canadian Environmental Assessment Agency (CEAA) will make available a draft report and potential conditions for comment by the public and Indigenous groups.

For more information: <http://nuclearsafety.gc.ca/eng/resources/status-of-new-nuclear-projects/deep-geologic-repository/index.cfm#latest>

From: CNSC.Information.CCSN@canada.ca

Sent: July 25, 2017 4:11 PM

Subject: CNSC releases 2016 Independent Environmental Monitoring Program results for the Bruce site

Through its Independent Environmental Monitoring Program (IEMP), the Canadian Nuclear Safety Commission (CNSC) has analyzed 2016 sampling results from the Bruce site, located along the eastern shore of Lake Huron in Kincardine, ON. Bruce Power is licensed by the CNSC to operate the Bruce A and B nuclear generating stations.

The results are now available on the CNSC website, and confirm that the public and the environment around the site are safe and that there are no expected health impacts.

The IEMP was implemented to verify that the public and the environment around licensed nuclear facilities are safe. It is separate from, but complementary to, the CNSC's ongoing compliance verification program. The IEMP involves taking samples from public areas around the facilities, and measuring and analyzing the amount of radiological (nuclear) and hazardous substances in those samples. CNSC staff collect the samples and send them to the CNSC's state-of-the-art laboratory for testing and analysis.

For more information on the results from the Bruce site:

<http://nuclearsafety.gc.ca/eng/resources/maps-of-nuclear-facilities/iemp/bruce.cfm>

From: CNSC.Information.CCSN@canada.ca

Sent: July 14, 2017 3:17 PM

Subject: New CNSC fact sheet: Understanding Radiation

We live on a planet where we are constantly exposed to natural radiation and radiation caused by human activity. The Canadian Nuclear Safety Commission (CNSC) sets radiation dose limits for nuclear energy workers and the Canadian public in order to keep radiation doses well below harmful levels to protect human health and safety.

The CNSC has created a new fact sheet titled “Understanding Radiation” that explains what radiation is, and the difference between ionizing and non-ionizing radiation.

Read the fact sheet: <http://nuclearsafety.gc.ca/eng/resources/fact-sheets/understanding-radiation.cfm>

The CNSC also has a full suite of informative and interactive educational resources.

View the list of resources: <http://nuclearsafety.gc.ca/eng/resources/educational-resources/index.cfm>