CAC September 15, 2020 – APPENDIX 2

For all the latest CNSC news, visit CNSC's homepage at http://www.nuclearsafety.gc.ca/eng/

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Wednesday, September 23, 2020 9:17 AM
Subject: CSA Group is looking for your input

CSA Group is seeking your input on the draft new edition of CSA N292.8:21, Characterization of radioactive waste and irradiated fuel, by November 14, 2020.

CSA standards are sometimes referenced in CNSC regulatory documents and can be used in CNSC licensing activities.

View the draft version of CSA N292.8:21 on the public review site: https://publicreview.csa.ca/Home/Details/3944

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Monday, September 21, 2020 3:34 PM
Subject: Now available: 2019 Independent Environmental Monitoring Program (IEMP) results for Bruce site

In 2019, we worked with the Métis Nation of Ontario, the Saugeen Ojibway Nation and the Historic Saugeen Métis to ensure the locations and samples for the IEMP campaign at the Bruce site reflected their traditional land use, knowledge and values.

This is the fourth IEMP sampling campaign for the Bruce site. In each campaign, we tested samples of air, water, soil and sediment, meat, milk and produce from local farms, and fish from Lake Huron. Results from all campaigns, including 2019, show people and the environment are protected.

We thank the Métis Nation of Ontario, the Saugeen Ojibway Nation and the Historic Saugeen Métis for their help in the 2019 campaign. We hope to continue these partnerships to ensure IEMP results are meaningful for their communities.

Info: https://www.nuclearsafety.gc.ca/eng/resources/maps-of-nuclear-facilities/iemp/bruce.cfm

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Friday, September 18, 2020 1:26 PM
Subject: The Canada-U.S. work plan for small modular reactors is now available

The Canada-U.S. Regulatory Cooperation Council (RCC) work plan for small modular reactors (SMR) and advanced reactor designs is now available.

On August 15, 2019, a memorandum of cooperation was signed between the CNSC and the United States Nuclear Regulatory Commission (U.S. NRC) to enable detailed and specific cooperation on the regulation of activities involving SMRs and advanced reactor designs.

The Council provides an opportunity for us to work with the U.S. NRC to reduce unnecessary burden on stakeholders, while continuing to protect the health and safety of citizens and the environment. It's a forum for stakeholders, including industry, consumers, and non-government organizations, to discuss regulatory barriers and identify opportunities for cooperation. It also provides semi-annual updates on the status of our memorandum of cooperation with our US. colleagues.

Check out the RCC's 2019-2020 work plan for SMRs and advanced reactor designs: http://www.nuclearsafety.gc.ca/eng/resources/news-room/feature-articles/sharing-our-expertise-with-the-US-Nuclear-Regulatory-Commission/regulatory-cooperation-council-work-plan-for-small-modular-reactors.cfm

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Thursday, September 17, 2020 2:21 PM
Subject: Moving forward with drug and alcohol testing

We're requiring licensees to implement drug and alcohol testing at high-security nuclear facilities, such as power plants.

In her recently published op-ed, CNSC President Velshi outlines the need for a proactive approach to ensuring the fitness for duty of safety-sensitive and safety-critical nuclear workers. These workers must be free from the influence of both illicit and legal substances in the workplace.

Our testing approach is based on scientific research, international best practices and wide consultation with organizations and experts, including the Canadian Human Rights Commission.

Read Ms. Velshi's op-ed: https://www.canada.ca/en/nuclear-safety-commission/news/2020/09/opinion-editorial-by-the-cnscs-president-about-drug-and-alcohol-testing-in-the-nuclear-industry.html

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Monday, September 14, 2020 11:48 AM
Subject: Radionuclide release data from 2019 now available

Nuclear facilities across Canada are required to control, monitor and report on radionuclides released into the environment. The reported data is used to track compliance and to inform our assessment of the environmental effects of nuclear facilities or activities at every phase of their lifecycle.

This regulatory compliance data – from uranium mines and mills, nuclear processing facilities, nuclear power generating stations and Canadian Nuclear Laboratories – is now available on Canada's Open Government Portal.

The data is compiled in a machine-readable format that can be easily analyzed and compared with other datasets, such as those in the National Pollutant Release Inventory.

If you have feedback about the data, let us know using the comment feature on the Open Data Web page at https://open.canada.ca/data/en/dataset/6ed50cd9-0d8c-471b-a5f6-26088298870e

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Friday, August 21, 2020 12:29 PM
Subject: Phase 1 of the vendor design review (VDR) of Holtec's SMR-160 small modular reactor is complete

Overall, Holtec demonstrated an understanding of CNSC regulatory requirements and expectations. The review also identified issues Holtec will have to address should it decide to proceed with a Phase 2 review.

A VDR is an optional service provided by the CNSC when requested by a vendor. It gives CNSC staff the opportunity to assess a design prior to any licensed activities that would use that design. The review does not bind or otherwise influence decisions made by the Commission.

Info: https://www.nuclearsafety.gc.ca/eng/reactors/power-plants/pre-licensing-vendor-design-review/index.cfm

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Wednesday, August 19, 2020 4:06 PM
Subject: Next steps for Global First Power's proposed Micro Modular Reactor Project

Global First Power is seeking a licence to prepare the site of a proposed micro modular reactor located at Chalk River Laboratories in Renfrew County, approximately 200 km northwest of Ottawa.

This project requires an environmental assessment, but before it can proceed, the Commission must outline the factors to be considered. After taking into consideration all comments received during the public comment period in 2019, the Commission has now decided on the scope of factors for the environmental assessment, which you can find in the record of decision here: http://www.suretenucleaire.gc.ca/eng/the-commission/pdf/Decision-GlobalFirstPowerEAScoping-CMD20-H102-e-Final.pdf

Global First Power can now begin to prepare an environmental impact statement. Participant funding will be offered for this project phase – more details will be coming soon.

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>
Sent: Friday, June 26, 2020 4:34 PM
Subject: Licence application for deep geologic repository waste facility withdrawn

Ontario Power Generation (OPG) has formally withdrawn its licence application to prepare a site for and construct a deep geologic repository (DGR) for low- and intermediate-level waste at the Bruce nuclear site in Kincardine, Ontario.

OPG has also submitted a formal letter to the Minister of Environment and Climate Change to terminate the project's environmental assessment under the Canadian Environmental Assessment Act, 2012. Upholding its commitment to the Saugeen Ojibway Nation, which voted against the DGR in its territory in January 2020, OPG will take no further action on the project.

The CNSC will apply its research and the lessons learned from the work completed to date on the OPG DGR project to any future applications for low- and intermediate-level waste storage.

The CNSC recognizes the Joint Review Panel members for their dedication and commitment to the project over the past decade.

Learn more: http://www.nuclearsafety.gc.ca/eng/resources/status-of-new-nuclear-projects/deep-geologic-repository/index.cfm