

CAC May 17, 2022 – APPENDIX 3

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From: cpsc.info.ccsn@cpsc-ccsn.gc.ca

Sent: Thursday, May 19, 2022 2:04 PM

Subject: Ontario Power Generation – Pickering and Darlington IEMP sampling results now available

Results are now available from our 2021 Independent Environmental Monitoring Program (IEMP) sampling campaigns around the Ontario Power Generation (OPG) Pickering and Darlington nuclear power generating sites.

As part of the program, we collected air, soil, sand, vegetation and water from public areas around both the Pickering and Darlington sites. Local food was also collected from around the Darlington site. These samples were then analyzed in the CNSC lab by our scientists. The data was similar to that collected and analyzed in previous years. Once again, there were no results of concern from the 2021 IEMP sampling campaigns at these facilities.

View all of the OPG Pickering 2021 results:

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

View all of the OPG Darlington 2021 results:

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

From: cpsc.info.ccsn@cpsc-ccsn.gc.ca

Sent: Thursday, June 9, 2022 8:54 AM

Subject: Now available: Canada–U.S. collaborative report on Terrestrial Energy’s Methodology for Developing a Postulated Initiating Events List for the Integral Molten Salt Reactor

We have completed a joint report with the United States Nuclear Regulatory Commission (U.S. NRC), assessing Terrestrial Energy’s methodology for developing a postulated initiating events list for its integral molten salt reactor.

The report is part of the cooperative activities established by the CNSC and the U.S. NRC under the memorandum of cooperation (MOC) on advanced reactor and small modular reactor technologies. The MOC enhances cooperation in areas of common interest, including reactor design, research, staff training, and the comparing of regulatory practices.

Read the full report at <https://www.nrc.gov/docs/ML2213/ML22139A124.pdf> (source: U.S. NRC)

To learn more about the MOC, visit nuclearsafety.gc.ca/eng/resources/international-cooperation/international-agreements/cnsc-usnrc-smr-advanced-reactor-moc.cfm