

**Community Liaison Committee
Meeting Record**

Meeting Date: July 25, 2019

BWXT: Natalie Cutler, Director, Communications & Government Relations
 Dave Snopek, Director, EHS & Regulatory Affairs
 John MacQuarrie, President, BWXT NEC
 Ted Richardson, Director, Fuel Operations
 Ashwin Jadav, Production Manager
 Kathleen Augustin, Communications & Community Relations Specialist

CLC Members: N. Martin-Burtart, J. Wickenden, D. McNee

Absent: M. Smith, C. McCoy

Guest: Mark Olsheski, Sussex Strategy Group

ACTION ITEMS

Action Items		
Action Item	Responsible	Status / Notes
1. Suggest ideas for guest speakers and meeting topics.	CLC Members	Ongoing
2. Look into other avenues for brand recognition in the community (i.e., snapd publication).	N. Cutler K. Augustin	Ongoing
3. Educational opportunities for Co-op/placement students at remote locations.	N. Cutler	Ongoing
4. Suggest ideas for charitable support/giving.	CLC Members	Ongoing
5. Send CLC Members a follow-up email with information about tours/guests.	N. Cutler	Ongoing

DISCUSSION NOTES

The meeting began with a safety overview and information on emergency exits, followed by a roundtable of introductions and overview of the agenda.

Following this, Natalie Cutler provided an update on BWXT NEC's application to the CNSC to renew its Class 1B Fuel Facility Operating Licence, explaining that all planned notifications about the application have been made. The notice was featured in the 2018 Fall Newsletter and an update will be included in the 2019 Summer Newsletter. Letters have been sent to elected officials and Indigenous communities with an invitation to meet and tour our facilities. Natalie explained that we were contacted by MP Dzerowicz's office regarding questions they are

receiving from the community. We discussed getting together with these community members at the MP's office and are waiting to hear back. We also received a request from Métis Nation of Ontario (MNO) regarding interest from its Region 8 to meet and discuss the licence renewal. MNO and Natalie are working to schedule a meeting for this Region at the Toronto site. Natalie informed the CLC members that there is a dedicated webpage for licence renewal information on nec.bwxt.com and that updates will be posted as they become available. Natalie then mentioned that we are currently reviewing options to tour interested community members that we met at the community BBQ and will solicit additional interest by promoting a tour option in our future mailings, emails and promotions.

Kathleen then discussed the context of future mailings and website updates, noting that they will include information about the following items.

- The CNSC Public Hearing dates have been announced to be held in Toronto, ON at a location to be determined, on March 3-5, 2020.
- The Participant Funding Program application deadline is September 3, 2019.
- Our BWXT Relicensing application briefing document is under development.
- The CNSC Intervention (written and/or written & oral) submission deadline is January 17, 2020.

Kathleen then mentioned that BWXT NEC is planning a BWXT Info. Night in October at Wallace Emerson Park and Community Center. She advised that this event is still in the planning stages and that more information will be made public soon.

Natalie provided the CLC members an overview of some facts from the Canadian Nuclear Association (CNA) Factbook and from BWXT NEC data. The following statements were discussed:

- BWXT NEC provides the fuel that generates approximately 25% of Ontario's electricity (BWXT NEC)
- Only eight 20-gram uranium pellets are needed to power the average Canadian household for a year (CNA Factbook).
- Nuclear power has a very small land footprint. If 100% of the world's electricity was from nuclear power, the land footprint would be the size of Nova Scotia vs. British Columbia for Solar and Quebec for Wind. (CNA Factbook).
- One 20-gram uranium pellet can produce the same electricity as 410 L of oil (CNA Factbook).

Kathleen then spoke about the 2019 Toronto Community BBQ, which was held on Tuesday, June 11, 2019. She mentioned that the BBQ was promoted in the Spring Newsletter, on banners along the fence line of the facility, on the nec.bwxt.com website, and through our social media channels. Kathleen noted that over 300 members of the public attended the BBQ including members of the 1100 Lansdowne Foundry Lofts Board Members. Some attendees had questions about our facility and were interested in more information and a tour (BWXT NEC is currently reviewing). Students from the FIRST Robotics team at Western Technical

Commercial School attended the BBQ and brought their robot. They demonstrated their robot's capabilities to the public through a fun, interactive game. Representatives from the Canadian Nuclear Safety Commission were in attendance to provide information about Canada's nuclear regulator and the Independent Environmental Monitoring Program (IEMP).

Kathleen provided information about BWXT NEC's charitable giving in the Toronto community. BWXT NEC supports Western Technical Commercial School's FIRST Robotics team through a team sponsorship and student bursary. We support Pauline Junior Public School through a donation to assist in the purchase of classroom tools that support STEM (Science, Technology, Engineering and Math). We also support the Davenport-Perth Community Health Centre which provides key services to the community in Toronto. Kathleen explained she received a notice from The Stop Community Food Centre noting that they cannot accept donations from the nuclear industry. She asked the CLC members if they could think of another community food/shelter initiative that we could support instead. BWXT NEC is currently researching other community organizations.

Our guest speaker, Mark Olsheski from Sussex Strategy Group, joined us for the CLC meeting and provided information on Ontario's electrical supply and future. Mark began his presentation noting that Ontario needs diversity in the electricity system and that currently the grid in Ontario is well supplied and capable to meet the current demands. He provided an overview of the history of electricity from hydroelectric to coal to nuclear and mentioned that the future must be discussed to ensure the electrical grid is stable, clean and economical.

Mark then discussed the electrical mix in Ontario noting that nuclear generates 61% of Ontario's power supply. He stated that nuclear and hydroelectric are baseload resources and are the lowest cost resources in the system. He said that all of these sources are required to produce the energy for Ontario's grid (nuclear, oil/gas, hydro, wind, biofuel, and solar). Mark showed the CLC members a map of the primary fuel sources in Ontario.

Next, Mark explained the nuclear power plant fleet to the CLC members. He provided information on the energy output from Bruce Power, OPG Darlington, and OPG Pickering. Mark provided information on the metrics of the Ontario nuclear fleet explaining the average costs, emissions-free power, job supply, and the reduction of CO₂ by using nuclear power. He stated that in 2017 the average cost of generation was 6.9¢/kWh and that the power from Ontario's nuclear fleet could power the province of Nova Scotia for more than eight years and that more than 90 billion kWh of emissions-free power is generated annually for Ontario. He noted that approximately 50,000 individuals are employed across the province from the nuclear industry. Mark explained that nuclear power helps reduce CO₂ emissions and that 45,000,000 tonnes of CO₂ is avoided each year. This is the equivalent of taking 10,000,000 cars off the road. He explained the refurbishment outages and discussed the projected end of service timeline for Pickering. The CLC members and Mark discussed the need for new power plant technologies to account for the gaps, which will be made when Pickering goes to end of service.

Mark continued to discuss the future needs in Ontario noting that we will need additional resources to supply our electricity once some of our current sources phase out with time. He mentioned that the Long-Term Energy Plan should be released by the end of 2020 and that the Independent Electricity System Operator (IESO) is working on updating the long-term assumptions for Ontario to determine when the province will need the supply.

Next, Natalie reminded the CLC members of the “BWXT Info. Night” scheduled for this Fall and provided a guest speaker and topic idea and asked the group to provide any ideas to her for the future meetings. Natalie noted that the Summer Newsletters will be sent out within the next month. The group discussed the upcoming CLC meeting dates for 2019 and Natalie noted that she will inform the group for the next meeting. To wrap up, Natalie asked the CLC members if they have heard anything in the community about BWXT NEC, and if they do, to please keep us informed so we can improve our outreach.