

**Community Liaison Committee
Meeting Record**

Meeting Date: April 2, 2019

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

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

Absent: M. Smith

Guest: Julian Amalraj, Canadian Nuclear Safety Commission (CNSC)

ACTION ITEMS

Action Items		
Action Item	Responsible	Status / Notes
1. Send CLC members the link to the article from the West End Phoenix.	N. Cutler	Completed
2. Suggest ideas for guest speakers and meeting topics.	CLC Members	Ongoing
3. Look into other avenues for brand recognition in the community (i.e. snapd publication).	N. Cutler K. Augustin	Ongoing
4. Educational opportunities for Co-op/placement students at remote locations.	N. Cutler	Ongoing
5. Suggest ideas for charitable support/giving.	CLC Members	Ongoing

DISCUSSION NOTES

The meeting began with a safety overview followed by a roundtable of introductions.

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 the initial report has been reviewed by the CNSC and that our planned notifications have been made to our stakeholders and publicly via the website and newsletters. Natalie then noted we are scheduling tours, consultations and working to plan events for the 2019 year. She highlighted the upcoming web and mailing updates and mentioned they would include information on the 2018 Annual Compliance Report, public hearing dates, participant funding program details, relicencing

application briefing document, and noted our upcoming events (community BBQ and community information session).

Dave Snopek then explained the information contained in our 2018 Annual Compliance Report (ACR), which was submitted to the CNSC on March 31st, 2019 for review. The ACR is submitted to the CNSC annually. Later in the year, BWXT NEC will appear before the Commission for a public review. BWXT NEC also receives a rating in the 14 Safety and Control Areas by the CNSC as either fully satisfactory, satisfactory, below expectations, or unacceptable. He noted that BWXT NEC received satisfactory rating in all 14 areas in 2017.

Dave informed the group about the Toronto air results, noting that the Toronto facility performs continuous monitoring for uranium through boundary monitoring and in-stack sampling. He explained that the in-stack samples are analyzed daily and verified externally by an independent laboratory. Dave let the group know that boundary samples are drawn at five positions located around the facility perimeter and these samples are analyzed externally by an independent laboratory. Dave explained that the boundary air monitor maximum concentration measurements continue to remain low and well below the Action Level of 0.08 $\mu\text{g}/\text{m}^3$. He continued to inform the group about the Toronto water results and explained that a small amount of water is used in the production process at the facility, as well as used to clean protective clothing, walls, floors and used in janitorial functions. He continued to note that the water is held in storage tanks in the facility where it is treated to remove uranium dioxide, tested, and only released in small batches once the results confirm it meets regulatory requirements for release. The release limit for uranium water emissions set by the CNSC, is 9,000kg/year, and the Toronto facility released 0.94kg of uranium in 2018, which is a small fraction of the limit. Next, Dave explained the Toronto soil results noting that samples of surface soil are taken at 49 locations and then analyzed by an independent laboratory. He explained that the results for uranium concentration for all of the soil samples are well below the acceptable standard. Finally, Dave discussed the estimated annual public dose in Toronto. The CNSC sets limits for annual public dose and BWXT NEC is a small fraction of this limit. The estimated annual dose to a member of the public as a result of the BWXT operation is 0.0004mSv, which is far less than the CNSC's limit of 1mSv per year for a member of the public.

Dave then informed the group of the 2018 results of the Independent Environmental Monitoring Program (IEMP) which is implemented by the CNSC to verify that the public and environment around the facility is protected. The IEMP indicated that the concentrations of uranium in air and soil samples were below the guidelines and that no health or environmental impacts were expected. Dave showed a map where soil and air samples were taken in proximity to the Toronto facility. Julian Amalraj from the CNSC explained the overall message from the IEMP is to monitor the impact to the community surrounding a nuclear facility. His conclusion was that there are no impacts to the environment or community and their health.

Julian provided an update on the licence renewal stating that BWXT NEC applied for a ten-year renewal in November of 2018 to extend the licence to 2030. He explained that the licence will be assessed by the CNSC staff and they will make recommendations to the Commission and

request further information from BWXT NEC if required. He said it is a year-long process to assess the proposal and that anyone can make a recommendation and intervene during this process. Julian noted that the planned CNSC hearing date will be in the first quarter of 2020. He also noted that there is participant funding available and encouraged the CLC members to participate in the discussion.

Natalie then highlighted BWXT NEC's community involvement beginning by outlining the results from the public attitude survey which was conducted by Ipsos back in October and November of 2018. She noted that the objective of the survey was to understand the level of awareness about BWXT from our neighbourhood residents. A 10-minute online and telephone survey was conducted in Toronto and Peterborough among residents who lived within proximity to the facilities. Natalie showed a map outlining which area in Toronto was within this proximity. She noted that we received 149 responses from the Toronto area and 203 in Peterborough from a variety of profiles. The results indicated the following:

- 17% of Toronto respondents have recently read/seen/heard about BWXT NEC recently. Among those who've recently heard about BWXT NEC, the majority received a company newsletter/flyer/brochure, followed by community BBQs.
- The preferred method of receiving information from BWXT NEC for both communities is newsletter or flyer, however Toronto respondents are more likely to prefer information online
- Three in 10 Toronto respondents say they are very/somewhat knowledgeable about BWXT NEC and over half of Toronto respondents say they've never heard of the organization, or that they are not at all knowledgeable.
- Among those local residents who are aware of BWXT NEC, just under 4 in 10 Toronto respondents say they have an excellent/very good/good impression of BWXT NEC.
- Two-thirds of Toronto respondents who are aware of BWXT NEC say they have confidence the company operates safely, and half or more agree it contributes to the local economy, is responsibly managed and takes environmental concerns seriously.
- Six in 10 Toronto respondents state they are knowledgeable about nuclear energy/technology.

Natalie then discussed an article published by the West End Phoenix on March 2nd with the group. Both BWXT and the CNSC were contacted for comment, however, the article referred to the use of fluorine and hydrofluoric acid, both of which are not used in BWXT's processes.

Natalie continued on to highlight BWXT NEC's community giving in Toronto and asked the CLC members if they had any ideas for other organizations who would benefit from charitable giving. BWXT supports Western Technical Commercial School's FIRST Robotics program through a team sponsorship and bursary, showing the photo from their most recent competition at Humber College. She continued to inform the group that BWXT NEC also supports Pauline Junior Public School which is close to the facility, by providing funding to assist with purchasing STEM (Science, Technology, Engineering and Math) classroom tools, The Stop Community Food

Center, and the Davenport-Perth Health Center which both provide key services to the community in Toronto.

Natalie then informed the group of the 2019 Community BBQ date and indicated that it will be promoted through a variety of avenues such as the community newsletter, banners on the fence line, website and social media channels.

Next, Natalie asked the CLC members for some feedback about where our information sessions should be held and mentioned Loretto College as an option. She also provided some guest speaker and topic ideas and asked the group to provide any ideas to her for the future meetings. Natalie noted that the newsletters will be sent out within the next month and informed the group that there will be a new e-newsletter subscription option which will help BWXT reach out to more individuals in the Toronto community. The group also discussed the upcoming CLC meeting dates for 2019 and Natalie noted that she will inform the group for the next meeting.

John MacQuarrie provided information about the medical isotope business to the CLC members highlighting this new and exciting opportunity for the business. He provided facts about nuclear medicine in Canada and noted the importance of the nuclear industry.