

Community Liaison Committee Meeting Record

Meeting Date: April 13, 2021

BWXT NEC: Natalie Cutler, Director, Communications & Government Relations
Jon Lundy, VP Strategy and Business Services
Ted Richardson, Director, Fuel Operations
Dave Snopek, Director, EHS & Regulatory Affairs
Kathleen Augustin, Communications & Community Relations Specialist

CLC Members: J. Backler, P. Correia, R. Desrochers, P. Feinstein, H. Fleisher, L. Irvine, J. Ker, N. Martin-Burtart, C. McCoy, D. McNee, J. Wickenden.

Absent: R Church.

Guests: None.

Action Items:

Action Item	Responsible	Status
1. Add discussion on safety scenarios (specifically hydrogen tank) to the agenda for a future meeting.	K. Augustin	Open
2. CLC to review BWXT NEC's current website, FAQ and provide feedback and ideas on newsletter content.	CLC Members	Ongoing
3. Share video content and infographics with CLC.	N. Cutler and K. Augustin	Ongoing
4. Have more guest speakers in 2021	N. Cutler and K. Augustin	Open
5. Share revised Terms of Reference with CLC for 2021.	K. Augustin	Closed
6. Incorporate feedback from 2020 year end evaluation.	N. Cutler and K. Augustin	Ongoing
7. Review providing information to the local sporting organizations / clubs and retirement / senior homes.	N. Cutler and K. Augustin	Ongoing
8. Review door-to-door approach and plan with CLC.	N. Cutler and K. Augustin	Hold (Covid-19)
9. Share target audience mailing information with CLC.	K. Augustin	Open

Discussion Notes:

Due to the COVID-19 pandemic, the meeting was held virtually. The meeting began with a roundtable of introductions, overview of the agenda and a safety moment.

Natalie Cutler reviewed the action items from the previous meeting. She requested CLC members review the nec.bwxt.com website, newsletters, and website FAQ page and provide feedback and shared that the company plans to review safety scenarios with a focus on the hydrogen tank at a

future meeting. Natalie also shared that BWXT NEC plans to share infographics and video ideas with the CLC and requested CLC members provide feedback for guest speakers to the CLC Co-Chair.

Natalie then asked the CLC Co-Chair to share updates and feedback collected by the CLC members. The Co-Chair noted that it would be helpful to have some guest speakers attend meetings to provide insight on concerns or areas of interest to CLC members and shared some previous speakers that had attended meetings. The Co-Chair suggested the following guest speakers: local first responders, representatives from Nuclear Waste Management Organization (NWMO), Technical Standards and Safety Authority (TSSA), Canadian Pacific Railway, and Doctors for Nuclear Energy. The Co-Chair reminded CLC members of her email address and requested they contact her with feedback and meeting topic ideas. One CLC member suggested a speaker who could discuss effective science communication so members could learn how to effectively communicate factual information. The CLC member suggested a professor or educator who is not from the nuclear industry who could help the CLC learn how to articulate messages to the community. The CLC member continued to explain what science communication meant and noted that there is a difference between enriched uranium and the uranium used in Toronto and that many in the community don't understand the difference. Jon Lundy liked the suggestion and shared that all industries (solar, nuclear, wind) are constantly using science to try to articulate messages to the public and that this type of guest speaker would provide a unique perspective that would be of interest to BWXT NEC. Another CLC member noted that Toronto Police Service would likely be able to attend as a guest to provide a perspective on their emergency response at the site. A different CLC member noted it would be helpful to hear how local first responders would contain a spill of uranium. The Co-Chair asked the CLC if there was any other feedback. One CLC member noted that he would find it helpful for the CLC members to use a separate platform to connect on BWXT NEC topics and asked interested members to contact him after the meeting. The Co-Chair requested more information from the CLC member and noted she would investigate this idea further with the member. BWXT NEC also took an action to review using a separate platform for communicating with the CLC members.

Dave Snopek then provided an update on the Canadian Nuclear Safety Commission's (CNSC) Record of Decision on BWXT NEC's licence. He shared that the CNSC issued a press release on the Commission's decision on December 21, 2020 and that the full Record of Decision document was made available on March 9, 2021. Dave highlighted that the licence was renewed as two separate facility-specific licences and that they were renewed for 10 years (valid until December 31, 2030).

Next, Dave shared that Canadian Environmental Law Association (CELA) has submitted an application for judicial review on behalf of a local community group in Peterborough named Citizens Against Radioactive Neighbourhoods (CARN). Dave noted that CELA/CARN would like the addition of pelleting in Peterborough's new licence to be removed from the CNSC's decision. He also explained that while this is going on, BWXT NEC is continuing its operations.

Dave then provided an update on the Annual Compliance Report (ACR) noting that the ACR is a major task where BWXT NEC prepares a report for the CNSC outlining performance from the prior year. He shared that CNSC Staff review the ACR and assemble, with input from inspections, a regulatory oversight report for the Commission. Dave noted that BWXT NEC and other similar licencees participate at a meeting of the Commission to review performance at the end of each year. Dave let the CLC know that the report was sent to the CNSC at the end of March and should be made available soon and that BWXT NEC will share the ACR in full on the public website and notify the public when it is available.

Next, Dave provided some information on emergency drills and shared that BWXT NEC has a comprehensive emergency plan that is continuously updated. The plan prescribes actions to be taken to prevent or minimize potential health and environmental hazards. Dave continued to share that in 2020, BWXT NEC's site in Peterborough completed a major update to its plan and that there are some learnings to implement in the Toronto plan from the Peterborough one. Dave shared that the company conducts regular drills with employees and tours and drills with first responders to ensure a coordinated response. He noted that the company conducts a triennial exercise that is witnessed and evaluated by the CNSC. Dave shared that the company hopes to conduct the exercise in 2021 pending COVID-19 restrictions. One CLC member asked whether train speed limit on the tracks can be part of the exercise and Dave noted that was a good comment for feedback. Natalie then shared that once a plan is finalized BWXT NEC will use a multi-pronged approach to communicate the exercise and drills with the public. Part of the communications approach would involve fence banners on drill dates, 1.855.696.9588 voicemail updated to share details, posts on social media, information mailed to 6,500 community members, posts on the website (nec.bwxt.com), emails to stakeholders and potentially a virtual event. Natalie also shared feedback collected from the Peterborough exercise noting that neighbours wanted to know what was expected of them during a drill/exercise/emergency. Natalie shared that there are no actions required of the public and noted that the company asks the public to keep distance to ensure first responders can easily access the facility. She also shared that there are no credible accident scenarios that require evacuation of the public or sheltering in place due to a release of radiation from our facility. A CLC member asked for more detail on the 6,500 neighbours. Natalie noted BWXT NEC would share more information with the CLC. Two other CLC members shared some local Facebook groups that BWXT NEC could join to share this information further. Another CLC member asked if BWXT NEC translates any items to other languages and suggested BWXT NEC add a Portuguese section to the website. Natalie shared that newsletters are translated to Portuguese and noted that the company would look into adding a Portuguese section to the website. A different CLC member noted that you cannot assume all have access to the internet and all are proficient in speaking English. The CLC member also suggested there is a high need for Spanish items in the neighbourhood.

Natalie shared BWXT NEC's Public Disclosure Protocol in full with the CLC noting that this full document and list are available on the nec.bwxt.com website. She shared that based on the protocol, BWXT NEC commits to:

- Maintaining two-way communication channels with the target audience to understand and address comments, questions and concerns;
- Providing reporting on its website within 48 hours of unusual operational events with the potential for offsite consequences, or that would be of interest to the target audience;
- Providing timely reporting on its website of environmental events that trigger notification of the CNSC under Section 29 of the General Nuclear Safety and Control Regulations;
- Providing information to the target audience through BWXT NEC's website and/or other Public Information Program activities, about significant operational changes or expansions that require an environmental assessment or amendments to our facility licence;
- Posting environmental monitoring results (relevant sections of ACRs) on its website;
- Consulting with stakeholders to determine the type of information, and method for information sharing regarding this Public Disclosure Protocol;
- Posting this Public Disclosure Protocol on the BWXT NEC website.

Natalie then shared the Toronto public disclosures from the past five years, noting that many were false alarms where local first responders arrived on the site. A CLC member asked what constitutes a false alarm and Dave shared that these situations are false fire alarms and noted that the sprinkler systems have a monitoring system which can be tripped. He shared that these systems are very sensitive and can detect flow in a pipe even if there is no flow. Dave explained that in Peterborough the city is currently doing work that keeps triggering the alarms due to pressures in the systems. A CLC member asked about reporting of environmental monitoring results and shared that it is helpful for organizations to have access to disaggregated data. This CLC member shared that not everyone would have the ability to look at the data, but that it would be useful for environmental non-governmental organizations to look at micro trends, seasonal averages and how the facility interacts with the ecosystem. Dave responded noting that BWXT NEC is actively working on providing more environmental data on the nec.bwxt.com website and shared that this weekly data should be made available soon.

Kathleen Augustin provided an overview of the community surveying and results. She began by noting that the 10-minute telephone and online survey was conducted from October 15 - November 30 by Ipsos, an independent market research firm. She shared that 346 surveys were completed in total with 146 in Toronto (73 online, 73 telephone) and 200 in Peterborough (89 online, 111 telephone). The incentive for the community to complete the survey was two draws for \$500 CAD Virtual Visa® Prepaid Card. Kathleen shared that BWXT NEC used a multi-prong approach to advertising for the survey which included: mailed postcards to neighbours (~5000 Peterborough and ~6500 Toronto), postings on social media, targeted advertising on social media, website posts, information in the summer newsletter and calls to neighbours (conducted by Ipsos). Natalie noted that both the 2018 and 2020 reports are on BWXT NEC's website and that the information was emailed to the contact list and shared on social media. Overall, BWXT NEC will utilize feedback to identify strengths and areas for improvement in its public information program. Natalie then went over the 2020 report highlights, starting by sharing that the company was pleased with the overall upward trend of familiarity and awareness of BWXT NEC.

- More than ½ respondents are supportive of nuclear energy (support higher in Peterborough).
 - Nuclear energy still falls below other forms of electricity generation (solar, hydro, wind, gas).
- Familiarity of BWXT increased, positive impression increased.
- Increase in recall rate of BWXT NEC.
 - Newsletters and newspapers had the highest recall rate.
 - Preferred method of communication was through newsletters and online.
 - Those who visited website found it informative and catered to the local residents.
- Event attendance low – possibly due to pandemic (lately event attendance low in both communities).
 - More likely to attend a BBQ event.
 - Positive impressions of past events.
- Peterborough community places importance on environmental monitoring and strict regulations.
- Toronto community places importance on Indigenous relations and community involvement.

A CLC member asked how BWXT NEC will use the survey results to make improvements to the public information program. Natalie and Kathleen shared that this information helps BWXT NEC develop newsletter content, identify gaps and areas that work effectively in outreach, make improvements to website content and events, and more. A CLC member mentioned that the support for nuclear energy might be higher in Peterborough because it is a smaller community and asked what BWXT NEC does that works for communicating the safety of the sites. Natalie shared that the best way to show the safety and operations is to tour people through the site and noted that most perceptions are relieved once people see the facility in person. She explained that BWXT NEC is working on virtual tours of the sites. She also shared that talking to people in person is another great method to discuss the safety and operations and answer questions. Another CLC member noted that the higher support for nuclear energy in Peterborough may also be related to the size of the site in Peterborough and the number of jobs it provides.

Next, Natalie shared a petition for awareness: petition e-2962 (natural resources and energy). Natalie noted that it was initiated by Chris Keefer from Toronto who is part of Doctors for Nuclear Energy. She explained the petition has 5874 signatures (opened Nov 12, 2020 and closed Feb 10, 2021) and that MP Julie Dzerowicz presented it to the House of Commons on Mar 24, 2021.

Natalie noted that feedback from the 2020 year-end evaluations will be included throughout the CLC meetings in 2021. This feedback includes:

- Continued discussions on environmental monitoring and communication to public.
- Advertising in Toronto (how, where, when, what CLC finds to be the most effective).
- How BWXT can better connect with local condo boards/orgs nearby and reach different audiences.
- Importance of nuclear (what would Canada/Ontario look like without nuclear power).

- More on BWXT's operations, SMRs, licence renewal, realistic contingency planning, industry.
- More feedback from CLC.
- More guest speakers.

Natalie also shared a tentative meeting schedule, noting that the new member orientation session was held on February 23 and the plan is to meet again in June and September and conduct a year end evaluation meeting in November. The meeting terminated. Next meeting date to be scheduled in June, 2021.