

Community Liaison Committee Meeting Record

Meeting Date: September 21, 2021

BWXT NEC: Natalie Cutler, Director, Communications & Government Relations
Ted Richardson, Director, Fuel Operations
David Snopek, Director, EHS & Regulatory Affairs
Kathleen Augustin, Communications & Community Relations Specialist

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

Absent: R. Desrochers, D. McNee.

Guest: Julian Amalraj, Canadian Nuclear Safety Commission
John Peters, Arcadis

Action Items:

Action Item	Responsible	Status
1. Add discussion on safety scenarios (specifically hydrogen tank) to the agenda for a future meeting.	K. Augustin	Complete
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 - Science Communications Specialist	N. Cutler and K. Augustin	Open
5. Incorporate feedback from year-end evaluation.	N. Cutler and K. Augustin	Ongoing
6. Review providing information to the local sporting organizations / clubs and retirement / senior homes.	N. Cutler and K. Augustin	Ongoing
7. Review door-do-door approach and plan with CLC.	N. Cutler and K. Augustin	Hold (Covid-19)
8. Discuss CLC feedback on dashboards separately with the CLC member	N. Cutler and K. Augustin	Closed
9. BWXT to review providing Indigenous Relations training with CLC	N. Cutler and K. Augustin	Open
10. Discuss security at facility, including police presence	N. Cutler and K. Augustin	Complete

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.

Natalie then asked the CLC Co-Chair to share updates and feedback collected by the CLC members. The Co-Chair noted that she had recently seen a BlogTO article about BWXT on the St Clair West Residents Group page. Natalie shared that she would look into this but guessed it was an older article. A CLC member noted that he hadn't been seeing any comments or concerns lately and noted that the facility seems like a non-issue in the community. Natalie then shared that she had done some research on effective science communicators for a guest speaker, as this was a suggestion made by a CLC member. Natalie noted that she requested a quote from the Canadian Centre for Science Communication and would then review booking a workshop for CLC members and BWXT representatives.

Next, Kathleen Augustin provided some updates on BWXT NEC's Public Information Program starting by sharing that there have been no public disclosures made since the last CLC meeting and shared that the website is up to date with all public disclosures. Kathleen continued to share that BWXT NEC's will be having a Community Webinar on Tuesday, October 5th starting at 7:00 p.m. and noted this would be an opportunity for participants to ask questions (two-way dialogue). She shared that attendees would be entered for a chance to win a local prize basket and outlined the event would be advertised through social media, targeted advertisements, mailers to 6500 neighbours, and that it would be posted on the BWXT NEC website. Kathleen next shared that the Canadian Nuclear Safety Commission (CNSC) will be holding its virtual Annual Public Meeting where CNSC Staff present their Regulatory Oversight Report for 2020 to the Commission. This meeting is scheduled for December 15 or 16 and will be webcast live on CNSC website. Kathleen noted that written comments from the public are due November 1st. Kathleen then noted that BWXT NEC will be holding an emergency drill in October and that the date is to be confirmed but more information will be shared soon.

David Snopek then provided an overview of the hydrogen tank. David began by sharing that the hydrogen is used as the atmosphere inside the furnaces and stored as a liquid in a 9,000-gallon tank. David noted that the tank pressure is less than 150 psi and that it is owned and maintained by Air Products. David shared that the tank is designed to internationally accepted pressure boundary codes and standards (ASME Section VIII, ANSI), has safety systems such as fail-safe design and dual (redundant) relief valves & rupture disks, and the tank is located in accordance with siting requirements in National Fire Protection Association (NFPA) 55. Dave continued to share that the tank is operated and maintained by Air Products in accordance with established codes and standards. He shared that the Technical Standards and Safety Authority (TSSA) regulates pressure boundary equipment in Ontario under Boilers and Pressure Vessels. David also noted that there are triennial third-party inspections by an authorized inspection agency to confirm code compliance and

that the Certificate of Inspection is issued by TSSA. David then asked John Peters from Arcadis to explain the safety analysis. John shared that a safety analysis for credible events was completed by Arcadis. The analysis concluded: no injury to persons from a pressure wave, potential for broken windows, possible injury from exposure to heat, no structural damage to buildings and no release of uranium. Overall, John stated there are low risks associated with the hydrogen tank. Dave asked John to discuss the safety analysis with the rail line and potential for impact if there was a derailment. John explained that trains derail like an accordion. He noted that the likelihood is incredibly low that a train would derail and impact the hydrogen tank based on the distance from the rail line and the speed restrictions in the area. John also shared that if the concern is based on the train carrying propane or another gas, that the concern wouldn't be hydrogen in this scenario – he outlined that the explosion from propane would dwarf what would happen as a result of the hydrogen tank. A CLC member asked if there was a liquid explosion whether it would reach the tank. John shared that, if there was a fire near the tank, then the tank would heat up and the liquid inside would vaporize. He noted that there are pressure release valves and that the hydrogen would be released vertically. He continued to share that the tank is designed to prevent from overheating and rupturing. A CLC member asked if the temperature is low and the tank insulated because the hydrogen is a liquid. David confirmed yes. The CLC member also asked how often the tank is replenished and whether there was risk during the process. David noted that the tank is replenished on demand, which is typically once a week or within 7-10 days. He also shared that the truck delivering the hydrogen has more capacity than the tank at BWXT's facility, usually around 12,000 gallons and that these trucks drive on the 401. He said that drivers are trained and follow a prescriptive process and that they are well trained. A CLC member asked how hydrogen is consumed. David noted that the hydrogen is not consumed directly by the process, and continued to share that the atmosphere in the furnace is hydrogen which removes the oxygen from the pellets. He also mentioned that there is a small flame that burns off the hydrogen and turns into water vapour. Another CLC member asked what BWXT's relationship to Air Products is like and whether we can ask them questions. David noted that they are the supplier and owner of the tank and that we have the ability to ask questions and have requested information for analyses from Air Products before and they were very receptive to our requests for more information.

Next, as a result of concerns from CLC members, Ted Richardson shared some information on security at the site. He began by noting that there is a security program in place which is in accordance with General Nuclear Safety and Control Regulations. Ted shared that all employees complete Security Awareness Training and continued to outline some measures in place for security. Ted also noted that some people were concerned by the presence of police in the non-gated part of the parking lot near the entrance. He assured that the police are not there for our operations and noted that they often sit there to watch for speeding and wait there between calls. A CLC member noted she had concerns about drug use near the facility beside the warehouse and asked if the area is well lit and if security checks that area. Ted shared that the security guards stay on BWXT property and noted that the area is well lit and monitored by security cameras. He also shared that the company has supported investigations before where our security footage was required. The CLC member from the Davenport Perth Neighbourhood & Community Health Centre (DPNCHC) then

provided some context to the area. The CLC member began by noting that the community has a history of a working-class population with higher rates of poverty and shared that this was a heavy industrial area with lower real estate values and lack of infrastructure. The CLC member continued to share that there has been gentrification of the area but that the historical population is still around. The CLC member noted that 1011 Lansdowne was a market rental property owned by a single owner and that in 2015 the property partnered with agencies to locate people through transitional support housing for folks exiting shelters and institutional settings to provide and maintain independence. The CLC member mentioned that there are situations where there might be people selling drugs in the neighbourhood and that we should all be aware of the history and current situation. The CLC member noted that these are still our neighbours and that there are resources available for the community such as 311 and other information can be provided through the DPNCHC. Natalie thanked the CLC member for providing this helpful context and noted that BWXT supports the DPNCHC and other community organizations through charitable giving.

Natalie then provided an overview on the current CLC makeup as well as the plan for recruitment for new CLC members for 2022. She outlined that BWXT would use a multipronged approach to advertisement, such as: social media posts, social media targeted advertisements, mailers, newsletters, website posts, letters to community organizations, fence banners, and email updates. Natalie shared that the application form will be made available on the website soon and outlined that the company is looking for the following applicants: a local condo board representative and a local Indigenous community representative. Natalie then shared that the current CLC has 11 external members and that according to the Terms of Reference, the maximum is 12 members. She continued to note that the minimum is a two-year term with the option to extend for a third and that this is the last year for two of our members (one being the current Co-Chair). Natalie noted that we will be requesting CLC members let us know if they are interested in taking on the Co-Chair role.

As she had done in the previous meeting, Natalie then re-shared with the CLC some concerned citizens and groups in the community to ensure CLC members understand the broad perspectives in the community. Natalie shared that there is a Facebook group called “Stop BWXT’s Toronto licence renewal in West End Toronto” and encouraged CLC members to look at the page and outlined that the page is now private so members need to request to join. Natalie also shared a group called Global Nuclear Awareness and the name of a local activist, Zach Ruitter. She noted that Zach writes for West End Phoenix, Now Magazine, Trent Arthur and shared he was recently featured on Project Save the World Podcast. Natalie shared a group called Ontario Clean Air Alliance and noted there is a change.org petition called Stop BWXT’s licence renewal. Natalie also shared that there is a group called Citizens Against Radioactive Neighbourhoods (CARN) in Peterborough and noted they have a website, Facebook and Twitter accounts. A CLC member asked if BWXT tracks questions from the community. Natalie shared that BWXT created the FAQ on its website to address frequently asked questions from the community. Another CLC member asked for an update on the CARN judicial review. David shared that this is a long process and that the proceeding is anticipated to take 12-18 months – noting we are about 6 months in thus far. David shared that the next step is setting dates



for a hearing and that he wasn't sure if it would be virtual or in person. Natalie noted that BWXT will share information that we can along the way through the process.

The meeting terminated. Year-end meeting to be scheduled in November, 2021.