

Community Liaison Committee Meeting Record

Meeting Date: April 12, 2018

BWXT: Sara Forsey, Manager, Community Relations & Communications
Dave Snopek, Director, EHS & Regulatory Affairs
John MacQuarrie, President, BWXT Canada
Mark Beaudon, Manager of Shop Operations

CLC Members: K. Collins, S. Capobianco, M. Smith, N. Martin-Burtart, C. McCoy

Observers: J. Amalaraj, Canadian Nuclear Safety Commission

ACTION ITEMS

Action Items		
Action Item	Responsible	Status / Notes
1. Send link to Annual Compliance Report to CLC Members	S. Forsey	Closed
2. Revise BBQ time to 5 p.m. to 7 p.m.	S. Forsey	Closed
3. Identify area restaurants to hold occasional CLC meetings at	S. Forsey	Open
4. Suggest ideas for guest speakers	CLC Members	Open

DISCUSSION NOTES

The meeting began with a safety overview and then a roundtable of introductions. Two new members joined the Committee this year.

Following this, Sara Forsey provided an update on BWXT NEC's indigenous relations activities and began this discussion with a land acknowledgement. She highlighted that BWXT in Canada joined the Canadian Council of Aboriginal Business last year and is committed to building and sustaining positive relationships with indigenous communities in the areas in which BWXT operates in Canada.

Sara noted that BWXT is participating in the CCAB's Progressive Aboriginal Relations (PAR) certification program. PAR is an online management and reporting program that supports progressive improvement in Aboriginal relations, and a certification program that confirms corporate performance at the bronze, silver or gold level.

Sara explained that today, BWXT in Canada is PAR Committed – which indicates BWXT’s commitment to continual improvement in Indigenous relations and its intention to undergo external verification of performance in the future.

Sara shared that an internal PAR Working Committee that is comprised of employees across a range of disciplines including communications, supply management, human resources, union representation and finance has been established and that a Canada-wide Indigenous Policy that provides the framework for our program has been implemented. The Policy will be made publicly available at nec.bwxt.com.

The PAR Working Committee recently underwent Indigenous training that was conducted by Bear Standing Tall & Associates which provide Indigenous Cultural Sensitivity Training & Consulting for corporations in Canada.

A CLC member noted that there are new indigenous restaurants that have opened in Toronto and that there are POW-WOWs held in Toronto and that the Little Native Hockey League is an important event in the indigenous community every March and there may be opportunities for BWXT to sponsor.

Dave Snopak provided an overview of the 2017 Annual Compliance Report (ACR) that was submitted to the Canadian Nuclear Safety Commission (CNSC) at the end of March, 2018. Dave explained that BWXT NEC submits a comprehensive ACR to Canada’s nuclear regulator, the Canadian Nuclear Safety Commission (CNSC) for its licenced sites in Peterborough and Toronto. The purpose of this report is to demonstrate that BWXT NEC has successfully met the requirements of the Nuclear Safety and Control Act and its Class 1B Nuclear Fuel Facility Operating Licence. BWXT holds a 10-year licence which expires December 31, 2020.

Dave noted that the ACR covers information related to BWXT NEC’s performance in 14 Safety and Control Areas (SCAs) which are: management system, human performance management, operating performance, safety analysis, physical design, fitness for service, radiation protection, conventional health and safety, environmental protection, emergency management and fire protection, waste management, security, safeguards and non-proliferation and packaging and transport. The report is reviewed by CNSC staff, and together with input from inspections, BWXT NEC is rated in each SCA as fully satisfactory, satisfactory, below expectations or unacceptable.

Sometime in the fall, BWXT NEC leadership in Canada will appear in front of the Commission for a public meeting. During this time, BWXT NEC will respond to the Commission member questions about the report’s findings. The meeting is open to members of the public and webcast live on the CNSC’s website.

When asked by a CLC member if public can participate in the reviews, it was explained that members of the public can submit a written intervention to the CNSC ahead of the review meeting. The CNSC provides information on its website about how to intervene in licence reviews, BWXT NEC also makes this information available.

Dave reviewed key data provided in the ACR – Toronto boundary air monitoring, Toronto stack monitoring, water emissions, soil testing results and estimated annual public dose. During review of the air boundary monitoring, it was noted that the results for 2017 were 0.000 and that BWXT NEC monitors at five locations along the fence line of the facility using high-volume air samplers. Dave clarified for a CLC member that the filters are collected in the monitors every week and sent to a lab for analysis, and new filters are inserted into the air samplers so the air along the boundary is being tested continually throughout the year. Dave also confirmed that the samplers are located at approximately waist-height along the fence line.

Dave explained the data presented in the Toronto Air Stack monitoring, highlighting that the stacks at the facility are sampled daily. In 2017, BWXT NEC emitted 7.4 grams of uranium to the air – the equivalent of less than two teaspoons. The regulatory limit for uranium in air, set by the CNSC, is 760 grams.

Dave shared the results of Toronto Water Emissions, first explaining that uranium contamination of water sources occurs through cleaning of protective clothing, walls, floors and other janitorial functions and there is minimal water used in the actual production process of the natural uranium pellets. Dave explained that the water is first held in storage tanks in the facility, treated to remove uranium dioxide, tested and is only released in batches once the test results confirm it meets regulatory requirements to be released. In 2017, BWXT NEC emitted 0.94 kilograms of uranium to the sewers in the one year period – which is the equivalent to less than two standard 500 ml water bottles.

Dave discussed the results of the annual Toronto soil testing, noting that this sampling is conducted annually at 49 locations. Noting that only one sample is conducted on BWXT NEC property by a CLC member, BWXT NEC explained that this is because the site is predominately pavement and as such, there are not significant opportunities to conduct soil sampling on the property. Additionally, BWXT NEC noted that by sampling the surrounding soil on commercial lands and residential, the results can help to provide assurance to the community that there is no risk or negative impact from the facility.

Dave shared the estimated annual public dose for 2017 which was 17.5 micro-Severts, representing just 1.8 per cent of the allowable dose to members of the public. Dave shared an infographic with comparisons, which showed various forms of radiation in the daily lives of people, such as the radiation dose amounts one received living in a brick or concrete building or from a dental x-ray. The infographic helps BWXT NEC illustrate how small the dose of radiation is compared to other sources.

Sara shared an updated on BWXT NEC's community activities, highlighting that BWXT NEC recently sponsored the First Robotics team at Western Technical Institute, a high school located about 2 kms from BWXT NEC's facility in Toronto. In addition, BWXT NEC is working with the school to establish a bursary for a graduating student pursuing a post-secondary education in a STEM field. Earlier in 2018, BWXT NEC provided a financial donation to Pauline Junior Public School to assist the school with purchasing classroom tools that support STEM learning.

The discussion turned to planning for the 2018 annual community barbeque. Sara noted the date for the barbeque is planned for Wednesday, June 27th. The Committee and BWXT NEC discussed the hours for the barbeque and ultimately landed on a 5 p.m. to 7 p.m. timeframe.

In other business, BWXT NEC asked the Committee if it would be willing to meet at some local restaurants as a means to explore and experience the neighbourhood. The Committee agreed to this idea and BWXT NEC will identify locations for CLC meetings at local restaurants. BWXT NEC also asked the Committee to identify any topics that they would like to explore and BWXT NEC could arrange for a guest speaker – members will follow-up with emails if they have an idea. Sara noted that community newsletters will be arriving in the next week or so. The Committee then identified dates for the remaining three meetings for the year.

2018 Meeting Schedule:

June 13, 2018 6 p.m.

Sept 19, 2018 6 p.m.

Nov 14, 2018 6 p.m.