

Environmental Stewardship Council (ESC)  
 MEETING NOTES FOR MEETING #43 (DRAFT UNTIL ACCEPTED)  
 Thursday, October 22, 2020 – Microsoft  
 Teams  
 Meeting List of Participants noted on  
 last page

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| <p>9:00 – 9:15 AM</p> <p>Safety brief,<br/>Welcome and<br/>Introductions</p> <p>Pat Quinn</p> | <p>Pat Quinn, Director, Corporate Communications and Facilitator for this meeting. Welcomed all participants, did an orientation to Microsoft Teams and introductions of those at the meeting and how the meeting would proceed in this format. Meeting Notes and Actions from the June meeting were reviewed and approved.</p> <ul style="list-style-type: none"> <li>➤ ESC guest observers       <ul style="list-style-type: none"> <li>○ Maude Page, Atomic Energy of Canada Ltd.</li> </ul> </li> <li>➤ ESC alternate members       <ul style="list-style-type: none"> <li>○ Anne Giardini, Town of Laurentian Hills</li> <li>○ Theresa Sabourin, Town of Petawawa</li> </ul> </li> <li>➤ ESC guest speakers       <ul style="list-style-type: none"> <li>○ Candida Cianci, Canadian Nuclear Safety Commission Introduction</li> <li>○ Nana-Owusua Kwamena, Canadian Nuclear Safety Commission Introduction</li> <li>○ Ian Bainbridge, Introduction to Douglas Point Decommissioning Project</li> </ul> </li> </ul> |
| <p>9:15 – 9:30</p> <p>Business Update</p> <p>Mike Gull</p>                                    | <p>Mike Gull (as Joe McBrearty’s designate), gave the Business Update which included: changes in the executive team, reduced operations, COVID-19 response, capital new builds, regulatory activities and updates on continuing work.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"> <li>1. What does ‘ANMRC’ stand for?</li> <li>2. Can you give an update on the new Waste Characterization Facility?</li> </ol>  |
| <p>9:30 – 10:15 AM</p> <p>CNSC</p> <p>Introduction</p> <p>Candida Cianci,</p>                 | <p>Candida Cianci, Director, Canadian Nuclear Laboratories Regulatory Program Division and Nana Kwamena, Director, Environmental Assessment Division, Canadian Nuclear Safety Commission (CNSC) presented updates on the Near Surface Disposal Facility (NSDF) and Nuclear Power Demonstration (NPD) projects. Their presentation included: Current Status and next steps for both the NSDF and NPD projects, project timelines, and the CNSC’s public engagement strategy.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"> <li>1. Should the underlying technical documents be brought out and made accessible to the public?</li> <li>2. What is your strategy to gain insight and perspective from a broader area of the population?</li> </ol>   |

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| Nana Kwamena   | <ol style="list-style-type: none"> <li>3. How do you engage more broadly?</li> <li>4. How do you communicate the changes to the timelines to allow interested parties to keep track and be informed?</li> </ol>   |
| 10:15 – 10:20  | Bio Break   |
| <p>10:20 – 10:50 AM</p> <p>Environmental Monitoring Update</p> <p>George Dolinar</p>       | <p>George Dolinar – Director of Radiation and Environmental Protection at CNL presented the Chalk River Laboratories (CRL) Environmental Performance Summary. The overview included updates on the environmental monitoring program and annual environmental monitoring results.</p> <p>QUESTIONS</p> <ol style="list-style-type: none"> <li>1. Is water uptake from the river still required for the NRU fuel bay?</li> <li>2. One of the CNL section 82 projects posted on the registry is CNL covered structure – could you tell us what that is?</li> <li>3. Have you done a statistical analysis to see if the apparent increase in groundwater levels is significant?</li> <li>4. Are levels for groundwater only taken 2-3 times a year? Or are these averages?</li> <li>5. Are there loggers that monitor water levels at regular time periods?</li> <li>6. Does decommissioning of an individual structure (e.g. preparation of a detailed decommissioning plan) trigger a section 82 posting?</li> <li>7. Has the increase in water at the wells been looked at in connection with increases in precipitation due to climate change?</li> </ol> |
| <p>10:50 – 11:20 AM</p> <p>NSDF Project Update</p> <p>Meggan Vickerd</p>                   | <p>Meggan Vickerd, Director, NSDF project, provided an update via a virtual tour of the proposed NSDF site.</p> <p>QUESTIONS</p> <ol style="list-style-type: none"> <li>1. There is run-off and no silt barriers/straw bales in that photo...presuming that is not acceptable?</li> <li>2. Will the bats be affected by construction of the NSDF?</li> </ol>  |
| <p>11:20 – 11:50 AM</p> <p>Introduction to Douglas Point Project</p> <p>Ian Bainbridge</p> | <p>Ian Bainbridge, Director, G-1 &amp; DP Reactor Decommissioning, provided an introduction to the Douglas Point Decommissioning Project. The presentation included: history of Douglas Point, the decommissioning plan, the project timeline, environmental protection and stakeholder and Indigenous engagement.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"> <li>1. What means will be used to prove that foundations are radioactively clean?</li> <li>2. How much of the total waste is concrete?</li> </ol>   |
| 11:50 – 12:20 PM   | Lunch   |



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| <p>12:20 – 12:50 PM</p> <p>Environmental Remediation Management Update</p> <p>Mike Gull</p> | <p>Mike Gull – Vice President, Environmental Remediation Management (ERM) at CNL provided an update about facilities decommissioning accomplishments at CRL, waste management and environmental remediation.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"><li>1. Are there asbestos shingles on the exterior of B250?</li><li>2. In WMA –H. how many SMAGS and MAGS are there? Are you planning to build more?</li><li>3. Are most of the sea cans coming from WL?</li><li>4. What’s the capacity for sea cans?</li><li>5. What other WM areas are still active?</li><li>6. What happens to the physical sea cans once NSDF is built and opened? Do they become waste too?</li><li>7. What’s the status of the high level waste silos?</li></ol> |
| <p>12:50 – 1:20 PM</p> <p>NPD Closure Project Update</p> <p>Katie Hogue</p>                 | <p>Katie Hogue, Manager, NPD Regulatory Approvals provided a project update on the Nuclear Power Demonstration Closure project. The update included: a project status update, the next steps and stakeholder engagement.</p>  |
| <p>1:20 – 1:45 PM</p> <p>Recap &amp; Review of Actions</p> <p>Pat Quinn</p>                 | <p>Pat Quinn, Director of Corporate Communications at CNL and acting Facilitator reviewed the presentations, questions, and that there were no actions. He discussed March 25, 2021 as the potential date for the next meeting, with confirmation that an email will be sent with all the 2021 meeting dates in the future.</p>   |

**ESC Participants:**

Kristi Beatty, Upper Ottawa Valley Ducks Unlimited  
Brett Legree, Canadian Nuclear Safety Commission  
Heidi Erdle, Petawawa Research Forest  
Brian Hunt, Renfrew County Council  
Sue D'Eon, Town of Deep River  
Susan Miller, Deep River Horticultural Society  
Kari Richardson, Municipalité régionale de comté de Pontiac  
Larissa Holman, Ottawa Riverkeeper  
Craig Robinson, Old Fort William Cottagers' Association

**ESC Alternates:**

Theresa Sabourin, Town of Petawawa  
Anne Giardini, Town of Laurentian Hills

**Facilitator:**

Pat Quinn, CNL

**Invited Guests:**

Candida Cianci, CNSC – CNSC Introduction  
Nana Kwamena, CNSC – CNSC Introduction  
Meggan Vickerd, CNL – NSDF Project  
Katie Hogue, CNL – NPD Project  
Ian Bainbridge, CNL – DP Project

**Canadian Nuclear Laboratories:**

Shaun Cotnam, Senior Director, Compliance  
George Dolinar, Environmental Program Authority  
Mike Gull, Vice President, Environmental Remediation Management (ERM)  
Lauren Kinghorn, Communications Officer, Corporate Communications  
Mitch MacKay, ERM Communications Manager, ERM  
Pat Quinn, Director, Corporate Communications  
Jeff Willman, Vice President, HSSE

**Invited Observers:**

Maude Page, Atomic Energy of Canada Limited Facilitator:

**Absent:**

James Gibson, Municipalité régionale de comté de Pontiac  
John McKay, Four Seasons Conservancy  
Marc Laurin, Métis Nation of Ontario, North Bay  
Murry Rutz, Town of Petawawa  
Jim Meness, Algonquins of Pikwakanagan  
Jed Reinwald, Town of Laurentian Hills  
Ted Hiscock, Pembroke Area Field Naturalists