

Environmental Stewardship Council (ESC)
MEETING NOTES FOR MEETING #32 (DRAFT UNTIL ACCEPTED)
Thursday, October 13, 2016 – Best Western Pembroke Inn & Conference Centre, Pembroke, ON
List of Participants noted on last page

9:15 - 9:30 AM	Refreshments
9:30 AM Safety brief, Welcome and Introductions Pat Quinn	Pat Quinn welcomed the council and provided a safety briefing. <ul style="list-style-type: none"> ➤ David Lee retired from CNL September 2016 and a replacement of equal expertise will be in place by the next ESC meeting in early 2017. ➤ ESC alternate members <ul style="list-style-type: none"> ○ Brenda Blimkie, Town of Laurentian Hills ○ Ron Desroches, Town of Deep River ➤ ESC guest speakers <ul style="list-style-type: none"> ○ Jim Buckley, CNL NSDF Project ○ Christine Fahey, CNL NSDF project ○ Meggan Vickerd, CNL NPD Closure Project
9:40 – 9:50 AM Review of actions, previous meeting record and new business. John Vincett	John facilitated a round table discussion and introduction of all participants. He inquired if there were any comments regarding the meeting notes. There were none. John then reviewed actions updated since the last meeting in June 2016. ESC Action 150617:2 – ONGOING – Decommissioning & Waste Management will update ESC members on Waste Data Tracking System software implementation. Kurt Kehler is responsible for this action. ESC Action 160324:2 – COMPLETE ESC Action 160616:1 – COMPLETE ESC Action 160616:2 (REVISED) – ONGOING – Describe opportunities to ESC members to comment on the NSDF environmental assessment through the Canadian Environmental Assessment Agency (CEAA) and Canadian Nuclear Safety Commission (CNSC) processes. George Dolinar is responsible for this action. ESC Action 160616:3 – COMPLETE <i>ESC Action 161013:01 – Would the CNSC consider a presentation on the linear no threshold biological effect of low level ionizing radiation at a future ESC meeting? Wasif Islam (CNSC) is responsible for this action.</i>



9:50 – 10:15 PM CNL Business Update Kurt Kehler	<p>Kurt Kehler – Vice President, Decommissioning Waste Management (DWM) at CNL provided the ESC with a business update on behalf of President & CEO, Mark Lesinski which included a review of recent CNL Information Bulletins, an overview of the 2016 September 21 CNSC meeting and the opening of the Harriet Brooks (building 350) on 2016 October 19. He also discussed the CNSC approval on Chalk River Site Operating Licence amendment and the Moly-99 mission completion date of 2016 October 31.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none">1. What are the plans for future facilities (buildings) in the town of Deep River?2. What prompted the 10-year plan; what considerations were taken to determine the timeline? <p><i>ESC Action 161013:02 – CNL will facilitate a tour of the Harriet Brooks building (350) for the ESC members. Nicole LeBlanc is responsible for this action.</i></p>
10:15 – 10:45 AM Quarterly Environmental Performance Report George Dolinar	<p>George Dolinar - Environmental Program Authority within the Environmental Protection Branch (EPB) at CNL presented the Chalk River Laboratories (CRL) Environmental Performance Summary. The overview included updates on the environmental monitoring program, monitoring updates and an update on Environmental Assessments underway for CNL.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none">1. Will the new carbon tax have an influence on/at CNL?2. When NRU ceases operations, what effect will that have on typical dose levels to employees and residents that live close to CNL?3. In regards to the NSDF, has the suspension of the Environmental Assessment been lifted with the revised clarification of scope?4. When will there be further details on the waste acceptance criteria for NSDF?
10:45 – 11:00 AM	Bio break
11:00 – 12:00 PM ESC Terms of Reference (TOR) Review & Approval John Vincett	<p>John facilitated a formal review of the proposed minor changes to the ESC Terms of Reference (TOR). After review and discussion, approval of the updated TOR was agreed upon. A copy of the updated TOR will be emailed to members and a hard copy will be available at the first 2017 ESC meeting.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none">1. Does the Public Liaison Committee (Whiteshell Laboratories Environmental Council) have more of a communications role in the meetings?2. Do we require a quorum at the ESC meetings?



	<p><i>ESC Action 161013:03 – CNL will build a web page mock-up for discussion and input that will result in a dedicated webpage for ESC members to access on CNL.ca. Pat Quinn is responsible for this action.</i></p> <p><i>ESC Action 161013:04 – CNL will send a copy of the updated and approved Terms of Reference (TOR) to ESC members. Nicole LeBlanc is responsible for this action.</i></p>
12:00 – 1:00 PM	Lunch
<p>1:00 – 1:30 PM</p> <p>Decommissioning & Waste Management Update</p> <p>Kurt Kehler</p>	<p>Kurt Kehler – Vice President, Decommissioning and Waste Management at CNL gave an update about decommissioning and waste management activities at Chalk River including facilities decommissioning, waste management and environmental remediation, fuel package and storage facility and HEU fuels and target residue material. He also provided an update on project communication activities and feedback.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"> 1. How long can you accommodate HEU on-site? 2. Is there another facility or CRL location for storage? 3. Is down-blending an option for CNL’s HEU? 4. In the original plan of the Fissile Solution Storage Tank (FISST), did it include vitrification of the material? 5. Is the material in the FISST worth anything; could you recover any for a profit? 6. In regards to the Chimney Swifts, do you have any plans yet for the on-site NRU stack? 7. Can you confirm the final number of employees that participated in the Voluntary Separation Program (VSP)? <p><i>ESC Action 161013:05 – CNL to schedule a presentation at a future ESC meeting on DWM future approach to disposition Moly-99 waste. Kurt Kehler is responsible for this action.</i></p>
<p>1:30 – 2:00 PM</p> <p>NPD Closure Project Update</p> <p>Meggan Vickerd</p>	<p>Meggan Vickerd – Manager, NPD Operations at CNL presented to the council an update on the NPD Closure Project. This included the project approach, timeline, valued components, characterization activities as well as the Environmental Assessment process and timeline.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"> 1. How do you test or prove the longevity of the concrete grout? What criteria is being used? 2. What is ground level at NPD in comparison to the water level above the dam? 3. In regards to alternative means assessment, have you considered the option if there was a disposal facility available? 3. Have you looked at the cooling system at NPD? <p><i>ESC Action 161013:06 – NPD Closure Project to provide an update to the ESC on the concrete grout (assumptions, formulation, criteria, quality control and future monitoring). Kurt Kehler via the NPD project team is responsible for this action.</i></p>

2:00 – 2:15 PM	Bio break
<p>2:15 – 2:45 PM</p> <p>NSDF Project Update</p> <p>Jim Buckley/Christine Fahey</p>	<p>Jim Buckley – Director, NSDF and Christine Fahey, Manager, NSDF gave an update on the progress of the NSDF Project at CRL. The presentation included biodiversity and archaeological findings, waste acceptance, waste types and an update on the NSDF design and schedule.</p> <p>QUESTIONS:</p> <ol style="list-style-type: none"> 1. Is the 100 million mentioned part of the 800 million from Government? 2. Will tree removal be tendered? 3. Will you dispose of the trees? 4. Are you planning to do an Environmental Assessment and can we see the final report? 5. What is the difference in the ground water flow rate to the Ottawa River between the East Mattawa Road and the alternate site? 6. What is the capacity of radioactive levels in the NSDF; what is the limit? <p><i>ESC Action 161013:07 – Upon report approval, CNL will provide a copy of the valued components listed in the NSDF Environmental Impact Statement (EIS). George Dolinar via the NSDF project team is responsible for this action.</i></p> <p><i>ESC Action 161013:08 – CNL to present results at a future ESC meeting the valued components from the NSDF and NPD project upon completion of NPD Closure and NSDF projects EIS. George Dolinar via the NSDF/NPD project team is responsible for this action.</i></p> <p><i>ESC Action 161013:09 – CNL to present at a future ESC meeting the NSDF Waste Acceptance Criteria (WAC) including definitions and radiation limits. Kurt Kehler via the NSDF project team is responsible for this action.</i></p>
2:45 – 3:00 PM In the Community Nicole LeBlanc	Nicole LeBlanc provided an update on CNL activities with the public since the last ESC meeting held in June 2016.
3:00 – 3:30 PM Closing John Vincett	<p>John Vincett gave a recap of the meeting and reviewed the actions and reminded council to fill out evaluation forms.</p> <p>2017 ESC meeting dates – March 23, June 22, October 26</p> <p>There were no comments on the new actions or the meeting recap.</p>

ESC Participants:

Bruce Bigham, Deep River Horticultural Society
Christina Davis, Ontario Ministry of Natural Resources & Forestry
James Gibson, Municipalité régionale de comté de Pontiac
Steve Gutzman, Parkline Sportsmen Club
Meghan Hendry, Garrison Petawawa
Ken Hooles, Pembroke Area Field Naturalists
Robert Kingsbury, Renfrew County Council
Joan Lougheed, Town of Deep River
John McKay, Four Seasons Conservancy

ESC Alternates:

Brenda Blimkie, Town of Laurentian Hills
Ron Desrochers, Town of Deep River

Canadian Nuclear Laboratories:

Kevin Daniels, Vice President, HSSE
George Dolinar, Environmental Program Authority
Kurt Kehler, Vice President, Decommissioning and Waste Management
Nicole LeBlanc, Communications Officer, Corporate Communications
TBD, Environmental Scientist, Environmental Technologies
Pat Quinn, Director, Corporate Communications

Invited Observers:

Wasif Islam, Canadian Nuclear Safety Commission (CNSC)
Page, Maude, Director of Communications, AECL

Facilitator:

John Vincett, Public Dialogue Alternatives

Invited Guests:

Buckley, Jim, CNL – NSDF Project
Fahey, Christine, CNL – NSDF Project
Vickerd, Meggan, CNL – NPD Closure Project

Absent:

Peter Arbour, Petawawa Research Forest
Meredith Brown, Ottawa Riverkeeper
Shaun Cotnam, Senior Director, Compliance
Marc Laurin, Métis Nation of Ontario, North Bay
Mark Lesinski, President & CEO
Steve Liblong, Director, DWM S&T Transition Advisor
Bob MacKenzie, Upper Ottawa Valley Ducks Unlimited
Jim Meness, Algonquins of Pikwakanagan
Jed Reinwald, Town of Laurentian Hills
Craig Robinson, Old Fort William Cottagers' Association
Theresa Sabourin, Town of Petawawa