



**Environmental Stewardship Council (ESC)
MEETING NOTES FOR MEETING #26 (DRAFT UNTIL ACCEPTED)
Thursday, October 16, 2014 - AECL
List of Participants noted on last page**

8:30 – 9:00 AM: Arrive at Chalk River Laboratories	
9:00 - 9:30 AM	Refreshments, B700 Room 201
9:30 AM	Pat Quinn welcomed the council and provided a safety briefing.
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. John encouraged Council to evaluate the new meeting facilities and inquired if there were any comments regarding the meeting notes. There were none. John then reviewed actions updated since the last meeting in June 2014. ESC Action 140327:1 – Complete ESC Action 140327:2 – Complete ESC Action 140626:1 – Complete
9:50 – 10:05 AM AECL Business Update Bob Walker	Bob Walker – President & CEO at AECL provided the ESC with a business update touching upon the following items: Restructuring, Canadian Nuclear Laboratories and CRL recapitalization. He presented on the status of restructuring as well as updated timelines. Bob reminded ESC members of the impending name change of AECL to Canadian Nuclear Laboratories (CNL) taking place on 2014 November 3. As well, he gave an overview of CRL's recapitalization plans and progress. QUESTIONS: <ol style="list-style-type: none"> 1. In your presentation, you mention a new building that is being constructed that will house 1,200 staff, yet in around the Town of Petawawa, there are rumours of job loss of up to 1,200 people. Can you comment on this? 2. What are the 5 big licences being transferred to CNL? 3. Will you continue to update community members? 4. The production of moly-99 will stop; will other isotopes take its place? 5. In regards to the medical industry; will other reactors pick up the loss of moly-99 from CRL?



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10:05 - 10:10 AM Introduction – Environmental Protection Projects George Dolinar	George Dolinar - Environmental Program Authority within the Environmental Protection Branch (EPB) at AECL gave the ESC members an introduction to the Environmental Protection Projects presented and how they link together in the larger picture of environmental protection at the Chalk River Laboratories Site.
10:10 – 10:40 AM CRL Environmental Risk Assessment Adrienne Ethier	Adrienne Ethier – Environmental Specialist with Environmental Protection Branch at AECL presented members with an overview of CRL's Environmental Risk Assessment. She talked about AECL's environmental risk assessment process, areas of concern at CRL and remediation and mitigation efforts. QUESTIONS: 1. Are amphibians tested for both physical and chemical stressors?
10:40 – 11:10 AM NRX Strontium Plume Studies Jennifer Olfert	Jennifer Olfert – Environmental Scientist with Environmental Technologies Branch at AECL gave members an update on the NRX Strontium-90 Plume studies. She provided a summary of the NRX rod bay discharge zone as well as results from the human health risk assessment. She concluded the site poses a negligible risk to the public and remediation/intervention measures are not necessary according to the risk assessment and associated regulations for the protection of human health. QUESTIONS: 1. Do you conduct research on water and animal food chains? 2. Have human factor studies been conducted on AECL employees? 3. Was testing of strontium-90 in tree swallows included in this study? 4. How does your data compare to the 1960's data?
11:10 – 11:25 AM : Bio break	
11:25 – 12:25 PM Ottawa River Sediment Remediation Project Update Renee Silke/Marc	Renee Silke, David Rowan and Marc Audet – Environmental Scientists with the Environmental Technologies Branch at AECL presented their wrap-up summary of the Ottawa River Sediment Remediation Project. They gave a re-cap of the conceptual site model and an updated summary of the ecological and human health exposure and risk assessments. Project results show human health and environmental risks are low and acceptable and meet criteria published in guidelines and regulations as being considered safe. Project team concluded that risk will continue to decrease into the future due to ongoing sediment deposition and decay of radiological contaminants. Remedial or protective actions are not necessary. QUESTIONS: 1. Your study shows contamination was higher in the 1960's compared to now; why?



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Audet/David Rowan	<ol style="list-style-type: none">2. Is AECL doing things to improve contamination?3. If contamination were to occur at the shoreline; is there a plan in place?4. Would an earthquake move the sediment?5. Why is there a higher peak in Pembroke vs. Deep River during the 1960's?
12:25 – 12:30 PM Closing John Vincett	John Vincett gave a recap of the meeting and reviewed the actions. Reminded council to fill out evaluation forms and proposed 2015 ESC dates. Proposed 2015 ESC Meeting dates: 2015 March 19 2015 June 18 2015 October 15 Next ESC meeting – TBD There were no comments on the new actions or about the recap of the meeting.
12:30 – 1:10 PM	Lunch
1:15 – 3:30 PM Decommissioning Highlights Tour – Past, Present & Future Kristan Schruder	Kristan Schruder - Director of Facility Decommissioning at AECL lead members on a Decommissioning Highlights Tour that included decommissioning projects from the past, present and future. Tour stops included National Research Experimental (NRX), the decommissioned and repurposed pool test reactor building as well as the former heavy water upgrading plant which is currently being decommissioned.

**ESC Participants:**

Bruce Bigham, Deep River Horticultural Society
James Gibson, Municipalité régionale de comté de Pontiac
Steve Gutzman, Parkline Sportsmen Club
Meghan Hendry, Garrison Petawawa
Ken Hooles, Pembroke Area Field Naturalists
David Lee, Environmental Scientist, Environmental Technologies
Bob MacKenzie, Upper Ottawa Valley Ducks Unlimited
Craig Robinson, Old Fort William Cottagers' Association
Theresa Sabourin, Councillor, Town of Petawawa

ESC Alternates:

Bob McLaren, Town of Deep River

AECL:

Shaun Cotnam, Senior Director, Compliance
George Dolinar, Environmental Program Authority
Nicole LeBlanc, Public Affairs Officer, Corporate Communications
Steve Liblong, Director, Waste Management & Environmental
Restoration
Mitch MacKay, Communications Officer, NLLP
Joan Miller, Vice President Decommissioning and Waste
Management
Pat Quinn, Director, Corporate Communications
Bob Walker, President & CEO

Invited Observers:

Wasif Islam, Canadian Nuclear Safety Commission

Facilitator:

John Vincett, Public Dialogue Alternatives

Invited Guests:

Ian Bainbridge, Decommissioning & Waste Management, AECL
Dave Garrick, Safety Engineering & Licensing, AECL
Bill Graham, Decommissioning & Waste Management, AECL

Absent:

Peter Arbour, Petawawa Research Forest
Meredith Brown, Ottawa Riverkeeper
Christian Carrier, Director, CRL Compliance and Licensing Division,
Canadian Nuclear Safety Commission
Ron Gervais, City of Pembroke
Audrey Green, Renfrew County Council
Ole Hendrickson, Concerned Citizens of Renfrew County
Marc Laurin, Métis Nation of Ontario, North Bay
John McKay, Four Seasons Conservancy
Jim Meness, Councillor, Algonquins of Pikwakanagan
Dick Rabishaw, Town of Laurentian Hills
Kathy Smith, General Manager, HSSE
Karen Stokes, Ontario Ministry of Natural Resources, Pembroke
David Thompson, Town of Deep River