



**Nuclear Waste Management Organization (NWMO)
Adaptive Phased Management (APM) Project
Community Liaison Committee (CLC) Meeting**

Thursday, June 4, 2015

MINUTES

The South Bruce Community Liaison Committee met on Thursday, June 4, 2015 at 7:00 p.m. at the South Bruce Municipal Office, 21 Gordon Street East, Teeswater.

Members Present: Mayor Robert Buckle; Jim Gowland, Chair; Brian Knox; Les Nichols; George Miller

Members Absent: Councillor Margie Bates; Councillor Mark Goetz (due to other municipal business); Doug Culbert, Vice-Chair (due to other municipal business); Corbyn Critchfield

NWMO Staff: Paul Austin, Relationship Manager for Southern Ontario; Mike Krizanc, Communications Manager; Ben Belfadhel, Director, Used Fuel Repository Geoscience

Municipal Staff: Leanne Martin, Clerk; Julie Ireland, CLC Secretary

1. CALL TO ORDER:

Jim Gowland called the meeting to order at 7:00 p.m.

2. ADOPTION OF AGENDA:

MOTION CLC-2015-92

Moved by Les Nichols,

Seconded by Brian Knox;

Agenda

That the Agenda for the South Bruce Community Liaison Committee Meeting of June 4, 2015, be adopted.

Motion: Carried

3. DISCLOSURE OF PECUNIARY INTEREST AND NATURE THEREOF:

None

4. MINUTES OF THE PREVIOUS MEETING:

4.1 May 7, 2015 SBCLC Regular Meeting

MOTION CLC-2015-93

Moved by Bob Buckle,

Seconded by George Miller;

Minutes

That the Minutes of the South Bruce Community Liaison Committee Meeting held on May 7, 2015, be adopted as printed and circulated.

Motion: Carried

5. DELEGATIONS:

None

6. NWMO TASK LIST REVIEW:

Julie Ireland, CLC Secretary, gave an update on the items outlined on the CLC task list. She advised that all outstanding items on the task list would be addressed through items on the current agenda, with the exception of the request to schedule communication workshops in conjunction with staff at the Municipality of Huron-Kinloss and NWMO.

Mike Krizanc advised that NWMO staff have contacted a provider for the workshop, John Best, and that he is available the week of July 13. He suggested July 14 or 16 to coincide with dates already put forth by members of the Huron-Kinloss CLC.

ACTION ITEM:

Julie Ireland was requested to circulate an email to members of the CLC to determine whether July 14 or 16 would be preferable for the workshop. A reply to NWMO staff should be sent by June 15.

MOTION CLC-2015-94

Moved by George Miller,

Seconded by Les Nichols;

Task List

That the SBCLC Meeting Task List presented to the June 4, 2015 meeting of the South Bruce Community Liaison Committee, be received for information.

Motion: Carried

7. REPORTS:

7.1 Information Regarding the Proposed Borehole Site Selection Process (Oral)

(As requested at the May 7, 2015 SBCLC meeting)

Ben Belfadhel, Director, Used Fuel Repository Geoscience, NWMO

Ben Belfadhel advised that his role is to manage all of the geoscience studies in all of the communities that are currently learning more about Canada's plan for used nuclear fuel.

The phase of work that will soon be starting in South Bruce will involve field studies. Ben Belfadhel noted that the type of rock formations found below the surface in South Bruce are different than those in northern Ontario, and therefore the types of studies conducted will be different as well. The types of initial studies that will be conducted in the South Bruce area to refine understanding of the regional geology will be borehole drilling, 2D seismic reflection studies, and observing general geological features through geological mapping. He noted that information on the rock formations in the west end of the municipality is already available, however, there are areas in the eastern portion where the thickness of the sedimentary rock sequence needs to be confirmed.

Ben Belfadhel advised that the preferred rock formation for a deep geological repository under South Bruce is known as the Cobourg Formation. He advised that it is the same as the formation that is being considered by OPG for the DGR at the Bruce Nuclear Site. He noted that a minimum depth of 500m of the rock formation would be required for a DGR for used nuclear fuel, and that the formation in the South Bruce area appears to meet that requirement.

Three phases of initial field studies to refine understanding of the regional geology in the area were discussed: borehole drilling; 2D seismic reflection; and hydraulic and geochemical testing. Seismic reflection refers to a process which involves placing geophones in a straight line along the ground to measure the reflection of sound waves induced at the surface of the rock with a vibrating plate. The lines would be approximately 15 kilometers in length, which would involve the participation of a number of contiguous land owners. Hydraulic and geochemical testing refers to the process of checking the composition and tightness of the rocks. He noted that the location, sequence and timing of the testing will be developed in discussions with the Committee, Council and the community. He also noted that the preferred approach would be to begin with borehole drilling using municipal lands.

Paul Austin noted that the Municipality of Huron-Kinloss passed a motion which directed NWMO and municipal staff to present options for consideration by their CLC and Council to proceed with finding sites on municipal land which could potentially be used for the purpose of borehole drilling. He noted that the intention is not to identify specific sites at this time, but instead to receive approval to start the process of identifying potential sites. It was suggested that once sites are proposed, their potential use could be discussed with the community prior to the approval process for the sites by the CLC and Council.

A discussion took place regarding boreholes in general. It was noted that there are only about two to three bore holes in South Bruce that have been drilled to the depth that the proposed bore holes will be drilled. It was also noted that once studies have been completed, the boreholes, if not needed, will be sealed in with bentonite clay and according to existing regulations.

Based on discussions with Council and staff, Paul Austin has been in contact with the GIS student currently employed by the municipality, and the student has developed a map to provide the locations of all municipally owned land, for the purpose of

discussing possible locations for field studies. It was suggested that the process to identify field study locations could have two steps –potential locations could first be identified and discussed with the CLC and community, then approval could be sought from the Council.

Brian Knox suggested the possibility to engage the community by making the site selection process an informative or entertaining one. Paul Austin noted that the technical and social aspects of the project will both be very important and integrated in order to ensure that site selection of field study locations is done in a manner that is acceptable to the community.

MOTION CLC-2015-95

**Moved by George Miller,
Seconded by Les Nichols;
Report**

That language options be developed for the next SBCLC meeting for a resolution for consideration by the CLC and municipal Council to develop a potential plan for Phase 2 field studies.

Motion: Carried

MOTION CLC-2015-96

**Moved by Brian Knox,
Seconded by Bob Buckle;
Report**

That the verbal report of the NWMO regarding information with respect to the proposed bore hole site selection process presented to the June 4, 2015 South Bruce Community Liaison Committee meeting, be received for information.

Motion: Carried

7.2 Potential Locations for the South Bruce Learn More Community Office
(Oral) (As requested at the May 7, 2015 SBCLC meeting)
Paul Austin, Relationship Manager, NWMO

Paul Austin advised that he had reviewed the available properties for rent in Teeswater, and proposed entering into an agreement with the owner of the property located at 10 Clinton Street South. He advised that the premises was large enough for the Community Office, and that the owner was willing to rent the property for the requested one year term.

MOTION CLC-2015-97

**Moved by George Miller,
Seconded by Brian Knox;
Report**

That the verbal report of the NWMO regarding potential locations for the South Bruce Learn More Community Office presented to the June 4, 2015 South Bruce Community Liaison Committee meeting, be received for information;

And further, that the proposed rental of the commercial space at 10 Clinton Street South in Teeswater by the NWMO for the Learn More Community Office, be approved.

Motion: Carried

7.3 NWMO Update (Oral)

Paul Austin, Relationship Manager and Mike Krizanc, Communications Manager, NWMO

Learn More Community Office Relocation

Paul Austin advised that communication materials (a window sign and a notice to be printed in local media outlets) have been developed to let the community know that the Learn More Community Office will be moving from Mildmay to Teeswater in September.

ACTION ITEM: Paul Austin will circulate the draft notice regarding the relocation of the Learn More Community Office from Mildmay to Teeswater for Julie Ireland to review, and for the NWMO to publish the notice in the coming months.

South Bruce Service Clubs Meetings

Paul Austin suggested that NWMO staff would like to attend local service club meetings during the fall of 2015. NWMO staff plan to provide an informal opportunity to discuss the APM project with local community groups in order to engage citizens and receive questions and feedback.

MOTION CLC-2015-98

**Moved by George Miller,
Seconded by Les Nichols;**

Report

That Julie Ireland, Project Co-ordinator for the SBCLC, be directed to develop a listing of the meeting dates for local service clubs and community groups for the fall of 2015 and possibly early 2016 to facilitate the attendance of NWMO staff at those meetings;

And further, that the subject motion be added to the SBCLC Task List.

Motion: Carried

Canadian Nuclear Society Conference

Members of the SBCLC (Doug Culbert and Mark Goetz) as well as a number of NWMO staff attended the Canadian Nuclear Society annual conference which was held May 31 to June 3 in Saint John, New Brunswick. Paul Austin noted that the conference was informative, and that the nuclear industry projects a very clear emphasis on a culture of safety in all aspects of the handling of nuclear materials. There were approximately 460 attendees at the conference.

Aboriginal Recognition Program

Mike Krizanc advised that the NWMO recently announced a program to recognize First Nations and Metis organizations that participated in the first phases of Preliminary Assessments. The First Nations are eligible to receive reserve funds in the amount of \$250,000 each and the organizations are each eligible for contributions of \$150,000. The funding is intended for community wellbeing projects, and Mike Krizanc noted that the acknowledgement of their participation was well received by the eligible organizations and First Nations.

Used Nuclear Fuel-Transportation Literature

Mike Krizanc advised that NWMO Communications staff have completed an update to the used nuclear fuel transportation brochure, and that copies will be available at the Learn More Community Offices and on the transportation display vehicle.

MOTION CLC-2015-99

Moved by Brian Knox,

Seconded by George Miller;

Report

That the verbal report of the NWMO to the June 4, 2015 South Bruce Community Liaison Committee meeting, be received for information.

Motion: Carried

7.4 Municipality Update (Oral)

Leanne Martin, Clerk, Municipality of South Bruce

Leanne Martin advised that Kendra Reinhart has been hired as the new Administrator-Treasurer for the Municipality of South Bruce, beginning June 15, 2015.

A fall municipal newsletter will be produced, and Leanne Martin suggested that the newsletter could include information regarding the relocation of the Community Office.

ACTION ITEM:

Brian Knox asked the Clerk to provide him with a copy of the municipality's vision, goals, etc.

MOTION CLC-2015-100

Moved by George Miller,

Seconded by Les Nichols;

Report

That the verbal report of the Municipality of South Bruce to the June 4, 2015 South Bruce Community Liaison Committee meeting, be received for information.

Motion: Carried

8. EDUCATION:

None

9. COMMUNICATIONS:

9.1 Brian Knox, SBCLC Member, Requesting Additional Information from NWMO Staff Regarding the Proposed DGR and the APM Project

This item was deferred from the May 7, 2015 SBCLC meeting.

Jim Gowland advised Brian Knox that he would provide him 10 minutes to discuss the intent of his communication item.

Brian Knox provided some additional information on the points outlined in his letter (included in the agenda package for the June 4, 2015 meeting). He discussed the possibility that the South Bruce community may be more amenable to the prospect of hosting a DGR than other communities, based on the proximity of the municipality to the Bruce Power nuclear facility, and that that support for nuclear power could be used to facilitate community engagement in the APM project.

Mike Krizanc reiterated that the NWMO does not take a position on nuclear power. The mandate of the NWMO is to provide for the safe management of nuclear waste, and not to advocate for the nuclear industry.

Julie Ireland noted that Brian's comments were received in response to an email requesting suggestions for topics and speakers for upcoming CLC meetings, and that Brian's response was the only one received at this time. Members were requested to forward their suggestions and requests as soon as possible.

MOTION CLC-2015-101

Moved by Bob Buckle,

Seconded by Les Nichols;

Communication That the email communication from Brian Knox, SBCLC member, dated April 20, 2015, Requesting Additional Information from NWMO Staff Regarding the Proposed DGR and the APM Project, be received for information.

Motion: Carried

9.2. Ron Pushchak, Professor, Environmental Applied Science and Management, Ryerson University, Regarding an Interview Request for the Chair of the CLC from Graduate Student Rawana Haymour

MOTION CLC-2015-102

Moved by George Miller,

Seconded by Les Nichols;

Communication That the email communication from, Ron Pushchak, Professor, Environmental Applied Science and Management, Ryerson University, dated May 5, 2015, Regarding an Interview Request for the Chair of the CLC from Graduate Student Rawana Haymour, be received for information;

And further, that the participation of Jim Gowland, Chair of the SBCLC, in the research project being conducted by Rawana Haymour, be endorsed.

Motion: Carried

Added Item

ACTION ITEM:

Jim Gowland requested that a copy of his “letter to the editor”, published in the May 21, 2015 edition of the Mildmay Crier, and the initial letter from S.A. MacDonald, which his comments were in reply to, both be included on the agenda for the July SBCLC meeting.

10. NEW BUSINESS:

10.1. July and August Meeting Dates – Proposal to Amend the SBCLC Meeting Schedule

- **July 9, 2015**
- **August 13, 2015**

A proposal to amend the meeting dates for July and August was discussed. It was also suggested that the September meeting date be moved to September 10.

Mike Krizanc advised that NWMO staff are working to coordinate a presentation by Tom Isaacs, a well-known speaker in the field of nuclear power, and a former lead advisor to President Barack Obama’s Blue Ribbon Commission on the future of nuclear energy in the United States.

ACTION ITEM:

NWMO staff were requested to coordinate a presentation by Tom Isaacs for the South Bruce Community Liaison Committee. The speaker will be provided the opportunity to speak for one hour on a future agenda. It was requested that the presentation be scheduled for the September meeting, and to advertise for the meeting, including the name of the presenter.

MOTION CLC-2015-103

**Moved by Bob Buckle,
Seconded by George Miller;
Committee**

That the meeting schedule for the South Bruce Community Liaison Committee be amended as follows:
-the meeting scheduled for July 2, 2015 be rescheduled for Thursday, July 9, 2015;
-the meeting scheduled for August 6, 2015 be rescheduled for Thursday, August 13, 2015;
-the meeting scheduled for September 3, 2015 be rescheduled for Thursday, September 10, 2015;

And further, that the amended meeting schedule for the South

Bruce Community Liaison Committee be communicated in accordance with the Municipal Procedural By-law and Notice By-law, as applicable.

Motion: Carried

11. ADJOURNMENT:

MOTION CLC-2015-104

Moved by Les Nichols,

Seconded by Brian Knox;

Adjournment

That we do now adjourn at 9:20 p.m., to meet again on Thursday, July 9, 2015 at 7:00 p.m., or, at the call of the Chair.

Motion: Carried

Chair

Vice-Chair

CLC Secretary