



The Corporation of the Township of Huron-Kinloss

Nuclear Waste Community Advisory Committee Minutes

21 Queen Street, Ripley

April 2, 2019

7:00 pm

Mitch Twolan, Mayor	Present
Don Murray, Deputy Mayor	Present
Larry Allison, Committee Member	Present
Wilf Gamble, Committee Member	Present
Ricardo Gerdingh, Committee Member	Present
David Grant, Committee Member	Present
Dianne Heinisch, Committee Member	Present
Mary Rose Walden, Chief Administrative Officer	Present
Emily Dance, Clerk	Present
Elyse Dewar, Project Coordinator	Present

Others Present: Huron-Kinloss Councillors Jeff Elliott, Lillian Abbott and Ed McGugan; NWMO staff Cherie Leslie, Paul Austin, Becky Smith, Greg Plain and Andy Parmenter; 16 local residents.

Nuclear Waste Community Advisory Committee Meeting

1 Call to Order

Mayor Mitch Twolan called the meeting to order at 7:00pm and in the spirit of reconciliation, he acknowledged the traditional territories of the Saugeen First Nations and the Chippewas of Nawash First Nation.

2 . Adoption of the Minutes

2.1 NWCAC February 5, 2019 Minutes

THAT the Township of Huron-Kinloss Nuclear Waste Community Advisory Committee hereby adopts the February 5, 2019 NWCAC minutes as written.

- [NWCAC February 5, 2019 Minutes](#)

Motion No: 14

Moved by: Dianne Heinisch

Seconded by: Larry Allison

THAT the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby

adopted the February 5, 2019 NWCAC Minutes as written.

Carried

3. Delegations

3.1 Nuclear Waste Management Organization Presentation

Andrew Parmenter, a geologist with the Nuclear Waste Management Organization (NWMO), presented an Overview of the Sub-Surface Geology in Southern Ontario.

Andrew is a member of the NWMO's Geoscience Team and is involved in the geological characterization work currently underway in the five communities that remain the in the NWMO site selection process.

[- Overview of Subsurface Geology Southern Ontario](#)

Mr. Parmenter is a geologist working with NWMO since 2009. He said finds the geology in Southern Ontario very interesting. He explained that Southern Ontario, specifically the area in which Huron-Kinloss is located, has low seismic activity because we are sitting above the Canadian Shield. He explained that in 2005, there was a 4.3 magnitude earthquake near Owen Sound, which was the largest earthquake this area has experienced in 100 years.

Question: How confident are you that the information taken from the boreholes today compared to the boreholes done in the 1950s or 1960s?

Mr. Parmenter said he is pretty confident because they can look at the date and compare it to more recent studies. The geometry here is so regular that scientists are confident in the historical data of the sub-surface date.

Question: Is it true the land could have been higher.

Answer: The land is still rebounding and lifting from the weight of the ice age.

Question: How many drilling sites are they planning on doing?

Answer: Proposing to start with 3 boreholes when the site is selected.

Question: Does water move vertically or horizontally through the rock?

Answer: It is easier for the water to move horizontally than vertically.

Committee Members commented it seems people are worried about a leak and contamination to Lake Huron, but it seems that water from that level hasn't gone up to the ground level and vice versa, based on the presentation tonight. The path that the contamination would travel up, would be the shaft and that is where the multi-barrier system comes into effect.

Question: Could the next ice age or the earth tilting cause fractures to the shafts due to all the weight from the ice and create a more direct path to the surface?

Answer: The rock itself is a cobalt formation and the rock will withstand the weight of the ice. The tilting of the earth happens so slowly it wouldn't affect the shafts.

Question: Is there a difference in rock temperature between Huron-Kinloss and the other 4 municipalities in the site selection process?

Answer: A marginal difference if any at all between the rock.

Question: Is there water flowing in between the boundaries of the layers of rock?

Answer: No

Question: Have you been able to benefit from other countries (considering the same project).

Answer: Sweden is looking into crystal rock, which is much different than southwestern Ontario. France and Switzerland are looking at clay, which is much similar to our rock formation.

The Chair thanked Mr. Parmenter for his presentation and noted there were good questions and observations discussed.

4 . Correspondence

4.1 Correspondence from Local Resident

Local resident John Kaminski provided feedback to the updated Huron-Kinloss webpage, specifically, Canada's Plan for Used Nuclear Fuel page. Mr. Kaminski included the Nuclear Waste Management Organization on his correspondence.

The Committee was asked to provide any feedback to the letter. The Committee commented that Mr. Parmenter's presentation would have answered some of Mr. Kaminski's questions and that more may be answered in the next stage of the project. He said once the site selection process is narrowed down to one or two communities, more questions will be answered.

- [Correspondence from Mr. Kaminski](#)

Motion No: 15

Moved by: David Grant Seconded by: Dianne Heinisch

THAT the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information, correspondence from a local resident.

Carried

5 . Staff Reports

5.1 [Report number: NWCAC2019-04-15](#) prepared by Elyse Dewar, Project Coordinator Visit to Bruce County Museum and Cultural Centre

Project Coordinator Elyse Dewar noted the visit was well attended and a great learning experience.

Motion No: 16

Moved by: Larry Allison Seconded by: Dianne Heinisch

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-15 prepared by Elyse Dewar, Project Coordinator.

Carried

5.2 [Report number: NWCAC2019-04-16](#) prepared by Elyse Dewar, Project Coordinator NWMO - Partnership Roadmap

Motion No: 17

Moved by: David Grant Seconded by: Larry Allison

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-16 prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.3 [Report number: NWCAC2019-04-17](#) prepared by Elyse Dewar, Project Coordinator
Canadian Nuclear Society Conference

Motion No: 18

Moved by: Dianne Heinisch Seconded by: David Grant

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-17 Canadian Nuclear Society Conference prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.4 [Report number: NWCAC2019-04-18](#) prepared by Elyse Dewar, Project Coordinator
Huron-Kinloss Council Meeting Invite

Motion No: 19

Moved by: Larry Allison Seconded by: Dianne Heinisch

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-18 prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.5 [Report number: NWCAC2019-04-19](#) prepared by Elyse Dewar, Project Coordinator
NWMO Oakville Demonstration Facility Tour

Motion No: 20

Moved by: Ricardo Gerdingh Seconded by: Wilf Gamble

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-19 prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.6 [Report number: NWCAC2019-04-20](#) prepared by Elyse Dewar, Project Coordinator
Workplace Training Opportunities

Motion No: 21

Moved by: Ricardo Gerdingh Seconded by: Wilf Gamble

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-20 prepared by Elyse Dewar, Project Coordinator.

Carried

Comments: Committee Member noted it is wonderful that these opportunities are made available to the public and that they have filled up.

- 5.7 [Report number: NWCAC2019-04-21](#) prepared by Elyse Dewar, Project Coordinator
OPG Western Waste Management Facility Tour

Motion No: 22

Moved by: Don Murray Seconded by: Ricardo Gerdingh

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby received for information Report Number NWCAC2019-04-21 prepared by Elyse Dewar, Project

Coordinator.

Carried

5.8 [Report number: NWCAC2019-04-22](#) prepared by Elyse Dewar, Project Coordinator Workshop

Comments: Committee Members attending this workshop included Dianne Heinisch, Larry Allison, David Grant, Don Murray and Chair Mitch Towlan.

Motion No: 23

Moved by: Don Murray Seconded by: Larry Allison

That the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2019-04-22 prepared by Elyse Dewar, Project Coordinator.

Carried

6 . Nuclear Waste Management Organization Reports

6.1 Update from the Nuclear Waste Management Organization

Nuclear Waste Management Organization's (NWMO) Regional Communication Manager Becky Smith provided the NWMO update.

Ms. Smith reported that the NWMO annual Implementation Plan has been released and that the NWMO welcomes the public comments to the plan. Comments will be accepted until July 12, 2019.

The Deep Geological Repository diagram has been updated.

The NWMO has released a new document called the Ethical and Social Framework, which is available on the NWMO's website. The Ethical and Social Framework sets out clear principles that guide the NWMO planning, engagement, and decision-making activities.

On Tuesday, April 9, NWMO President and CEO Laurie Swami visited Huron-Kinloss.

Motion No: 24

Moved by: Don Murray Seconded by: Ricardo Gerdingh

THAT the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby receives all information provided by the NWMO in Section 6.

Carried

7 . New Business/Council Reports

7.1 Nothing

Scheduled 8 .

Adjournment

Motion No: 25

Moved by: Wilf Gamble Seconded by: Ricardo Gerdingh

THAT the Huron-Kinloss Nuclear Waste Community Advisory Committee hereby adjourn.

Carried

Original signed by Don Murray, Vice-Chair

Original signed by Elyse Dewar, Project Coordinator

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