



The Corporation of the Township of Huron-Kinloss

Nuclear Waste Community Advisory Committee Minutes

21 Queen St, Ripley

November 6, 2018

7:00 pm

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

Others Present: NWMO Senior Engagement Advisor Cherie Leslie, NWMO Regional Communications Manager Becky Smith, NWMO Corrosion Scientist Jeff Binns; Huron-Kinloss Councillor Lillian Abbott; 9 community residents

NWCAC Meeting

1 Call to Order

Chair Mitch Twolan acknowledged the traditional territories of the Saugeen First Nations and the Chippewas of Nawash First Nation then called the meeting to order at 7:00pm.

2. Adoption of the Minutes

2.1 NWCAC October 2, 2018 Minutes

THAT the Township of Huron-Kinloss Nuclear Waste Community Advisory Committee hereby adopts the October 2, 2018 NWCAC minutes as written.

- [NWCAC October 2, 2018 Meeting Minutes](#)

Motion No: 63

Moved by: Ricardo Gerdingh Seconded by: Wilf Gamble

Carried

3 . Delegations

3.1 NWMO Presentation

Nuclear Waste Management Organization's (NWMO) Corrosion Scientist Jeff Binns presented the multi-barrier system from a corrosion specialist's perspective. Mr. Binns works in the Engineered Barrier Systems Group at NWMO and has been with the organization for just over a year. Mr. Binns did his PhD. work in electrochemistry and corrosion science at the University of Western Ontario.

- [Engineered Barriers](#)

Key questions from the committee

- Noted the main risk is water
- In the Cigar Lake example, is water flowing through the bentonite clay or the surrounding sandstone?
- Geology

The Chair opened the floor to questions from the public.

- What affects would an earthquake have on the DGR.
- Would the only way for radionuclides to escape the ceramic pellet be if water was flowing through it?
- You list zirconium as a barrier, but what if some bundles have a small fraction (ie. its defective)?
- How are copper containers sealed?
- Would we expect to have earthquakes over the 1 million year timeline that the fuel remains hazardous?
- Is the effects of water the main concern for the repository?
- In the Cigar Lake example, the natural uranium isn't as hazardous as used nuclear fuel
- There are other countries with nuclear waste, is there an international consensus or are there other options?
- What is the age of the rock at repository depth?
- Is repository backfilled and sealed when it is full?
- Is there a security risk to people?
- What does the footprint look like above ground after 100 years or when the repository is decommissioned?

Mr. Binns noted that the engineered barriers are to protect from weather.

4 . Correspondence

4.1 Letter Received from Resident

Correspondence was received from Huron-Kinloss resident John Spears.

- [Correspondence from John Spears](#)

Motion No: 64

Moved by: Larry Allison Seconded by: Ricardo Gerdingh

That the Township of Huron-Kinloss Nuclear Waste Community Advisory Committee

hereby receives for information correspondence received from a local resident.

Carried

NWCAC members thanked Mr. Spears for his letter and hoped everyone is as interested in the project as he is. Members also provided comments which include:

- The decision as is up to NWMO if we are selected as the location to be the host site for the DGR. There are still a lot of questions that will have to be addressed.
- The project still has to be narrowed down to 1 or 2 locations before we get more answers. We have to move onto the next step.
- A lot of these questions are still outstanding for example “how big is the DGR” and “the implications it could have on the community.”
- People will have a lot to say about it when it gets to that stage. The community will decide what happens to the ground above and decide on the specific details if it gets to that point.
- We want people to decide based on knowledge not fear.
- This is your idea of what you anticipate or think it’s going to be.
- The reference to “Nuclear Dump Site” was questioned.
- There is value in the concerns about the economic implications this project could have on Huron-Kinloss, but there are similar situations to compare to. The projects happening at Bruce Power have regional implications, not just restricted to one municipality.
- I’ve talked to a lot of people and their thoughts (about the DGR) are all over the map. Some people say to stop the process now; some say we don’t have enough information yet; some say to keep going; and some say we need a referendum. In the same aspect, there are thoughts of just get on with it but we need more information. Noted - Kincardine has been working on their DGR since 2004. It is a long process.
- We are committed to continuing in the process of learning more and will go at a pace that our community is comfortable with.
- We are not at a point to make any decisions. We will be hearing presentations to learn more about the project.
- We need to get more people engaged. We are not engaging the population between ages 18-32. These are folks that will see this project go forward.
- Thank you for keeping us on our toes and making sure we keep the public informed.
 - Mr. Spears commented: I’m not pushing the township to make a decision. He would like the committee to get all the information before making a decision.

5 . Staff Reports

5.1 [Report number: NWCAC2018-11-21](#) prepared by Elyse Dewar, Project Coordinator NWCAC Timeline Report

Motion No: 65

Moved by: Ricardo Gerdingh Seconded by: Wilf Gamble

That the Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2018-11-21 NWCAC Timeline Report prepared by Elyse Dewar,

Project Coordinator.

Carried

- 5.2 [Report number: NWCAC2018-11-22](#) prepared by Elyse Dewar, Project Coordinator CNS Nuclear 101 Course

Motion No: 66

Moved by: Wilf Gamble Seconded by: Larry Allison

That the Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2018-11-22 CNS Nuclear 101 Course Update prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.3 [Report number: NWCAC2018-11-23](#) prepared by Elyse Dewar, Project Coordinator Early Investment in Education and Skills Program Update

Motion No: 67

Moved by: Larry Allison Seconded by: Wilf Gamble

That the Nuclear Waste Community Advisory Committee hereby receives for information and supports Report Number NWCAC2018-11-23 Early Investment in Education and Skills Program Update prepared by Elyse Dewar, Project Coordinator AND further approve the FIRST Lego Robotics Team's submitted receipts of \$2,464.46 for start-up and registration fees, a difference of \$374.46 from the approved \$2,090.

Carried

[Report number: NWCAC2018-11-24](#) prepared by Elyse Dewar, Project Coordinator Regional Early Investment in Education and Skills Update

Motion No: 68

Moved by: Wilf Gamble Seconded by: Ricardo Gerdingh

That the Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2018-11-24 Regional Early Investment in Education and Skills Program Update prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.4 [Report number: NWCAC2018-11-25](#) prepared by Elyse Dewar, Project Coordinator NWCAC 2019 Meeting Schedule

Motion No: 69

Moved by: David Grant Seconded by: Larry Allison

That the Nuclear Waste Community Advisory Committee hereby approves Report Number NWCAC2018-11-25 for the NWCAC 2019 Meeting Schedule prepared by Elyse Dewar, Project Coordinator.

Carried

- 5.5 [Report number: NWCAC2018-11-26](#) prepared by Elyse Dewar, Project Coordinator NWMO Regional Initiative

Motion No: 70

Moved by: Ricardo Gerdingh Seconded by: David Grant

That the Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2018-11-26 NWMO Regional Initiatives prepared by Elyse Dewar, Project Coordinator; and Further that the Committee supports moving forward with a request to the NWMO to access \$5,000 through the Regional Initiatives program.

Carried

5.6 [Report number: NWCAC2018-11-27](#) prepared by Elyse Dewar, Project Coordinator
CNSC Meeting of the Commission

Motion No: 71

Moved by: Larry Allison Seconded by: David Grant

That the Nuclear Waste Community Advisory Committee hereby receives for information Report Number NWCAC2018-11-27 CNSC Meeting of the Commission prepared by Elyse Dewar, Project Coordinator.

Carried

6 . Nuclear Waste Management Organization Reports

6.1 NWMO Engagement Update

Cherie Leslie, Senior Engagement Advisor for NWMO provided an update to the NWCAC.

- NWMO has spent quite a bit of time learning more and educating with the Bruce Power fuel handlers
- NWMO has provided several tours of the used fuel interim storage facility tours at the Bruce Power. Huron-Kinloss residents are scheduled to tour the facility on November 14.
- Huron-Kinloss and South Bruce residents had a visit to Oakville Proof Testing Facility on October 18. Ms. Leslie said this was a very interesting tour with a variety of participants including former nuclear operators,
- Will be meeting with more Community groups
- NWMO attended both Lucknow and Ripley Fall Fairs and had a booth set up offering residents more information on NWMO.
- NWMO attended the Job Fair in Lucknow in August.

Ms. Leslie thanked Mr. Spears for his letter and said she will bring it forward to the NWMO head office for review.

NWCAC member asked if any dates were set to begin drilling the borehole. NWMO responded that the project has been postponed, but they will work with Huron-Kinloss to determine a date in the future.

7 . New Business/Council Reports

7.1 Project Coordinator Elyse Dewar reported that at the November 5 Township of Huron-Kinloss Committee of the Whole Meeting, it was approved to reappoint all current NWCAC members another term. Wilf Gamble will sit as a member at large on the committee and Council will appoint another Member of Council as his replacement. Committee members will receive a formal letter after the November 19 Council Meeting.

8 . Adjournment

Motion No: 72

Moved by: David Grant Seconded by: Ricardo Gerdingh

That the Township of Huron-Kinloss Nuclear Waste Community Advisory Committee hereby adjourns to meet again on February 5, 2019 at 7:00pm or at the Call of the Chair.

Carried

Original Signed by Mitch Twolan, Chair

Original Signed by Elyse Dewar, Project Coordinator

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