



Hornepayne Nuclear Waste Liaison Committee

Minutes

Regular Meeting

Tuesday October 25<sup>th</sup>, 2016

6:00 P.M.

Legion Hall, Hornepayne, Ontario

**NWCLC Present**

Jon Peroff-Chairman

Morley Forster-Vice-Chairman

Cindy Craig

Paul Stewart

Lisa Stewart

Carlo Bin

Yves Vaillancourt

Elly Colazzi

David Jaremy

**NWCLC Absent with Regrets**

Cheryl Browne

Chad Verrino

**NWMO Staff**

John Fraser, Director of Community  
Engagement, Relationship Manager

Arthur Moore, Aboriginal  
Engagement Specialist

Tim Weber, Social Research Associate

**DPRA**

Vicki McCulloch-DPRA Consultant

**Speaker**

Derek Wilson-NWMO, Vice  
President of Design and Construction



1. Meeting called to order at 6:05pm
2. Acceptance of Agenda
  - a. Be it resolved that the Hornepayne Nuclear Waste Community Liaison Committee accepts the Agenda of the meeting of October 25<sup>th</sup> 2016 as distributed.
    - i. Moved by Morley Forster
    - ii. Seconded by Carlo Bin
    - i. Carried
3. Acceptance of September 27<sup>th</sup> Meeting Minutes as distributed.
  - a. Be it resolved that the Hornepayne Nuclear waste Community Liaison Committee accepts the minutes of the Regular Meeting on September 27<sup>th</sup> 2016 as distributed.
    - i. Moved by Cindy Craig
    - ii. Seconded by Paul Stewart
    - i. Carried
4. Project Manager Update

### Project Manager Report

- ✓ Updated the CLC Members on the website. Welcome to the new members Elly Colazzi and David Jaremy, we look forward to having you on board in this Learn More process.
- ✓ In your meeting package tonight I've tried something new. Feedback would be appreciated. I've created a package that is visual for the items to be discussed tonight and I hope it gives you a better perspective for discussion.
- ✓ Posted Agenda and Meeting Notice on the CLC website.
- ✓ Distributed the CLC Monthly Meeting notice via mail-out and local postings.
- ✓ Currently working on your CLC newsletter for December distribution, look in your emails soon for that.
- ✓ Kept a computerized visitor log and handed in to Tim Weber. # Of visitors 16.
- ✓ Arranged Meet and Greets for Tim Weber and Vicki McCullough for October 25<sup>th</sup> for various community members.
- ✓ Assisted the Township CAO with the municipality's emergency preparedness binder.
- ✓ Spoke with Joanna Bull of the Ombudsman of Ontario regarding our closed meeting of January 12<sup>th</sup> 2016 for updates to the Terms of Reference for the Committee. A closed meeting protocol will be discussed later in this meeting as part of the Agenda.



*Learning More About Canada's Plan for the Long-Term Management of Used Nuclear Fuel*

- ✓ *Received (1) one lid bolt for the Used Fuel Transportation Package for display in the office. It would be 1 of 32 bolts that would secure the 4000kg/8818lbs stainless steel lid to the body of the container which already itself weighs 24300kg/53572lbs. I brought the lid bolt here tonight if anyone would like to see it, it weighs 40lbs so be careful if you pick it up.*
- ✓ *I am currently looking into getting the CLC members business cards for conveying accurate contact details for people the committee encounters who want to Learn More.*
- ✓ *Forwarded to John Fraser a Corporate Social Responsibility Funding request from the Royal Canadian Legion for the Halloween Dance.*
- ✓ *Forwarded to John Fraser a Corporate Social Responsibility Funding request from the Hornepayne Recreation Committee for local public Bike/Skate Park.*
- ✓ *I have been compiling a list of people who are interested in attending the next Dry Storage Tour. My list consists of 14 people so far, who have approached me. I look forward to hear more from John Fraser in 2017 regarding this.*

a. Be it resolved that the Hornepayne Nuclear Waste Community Liaison Committee accepts the Project Managers Monthly Report on October 25<sup>th</sup>2016.

- i. Moved by Carlo Bin
- ii. Seconded by David Jaremy

i. Carried

5. NWMO to Report to Committee on Recent Activities

- a. Update CLC Meeting Schedule and discussion topics for 2016
  - i. November Open House Cancelled. Will reschedule in the New Year. November meeting will discuss upcoming 2017
  - ii. December-no meeting

b. Working with HEDC on Sustainability Community Planning initiatives with the DPRA-Draft analysis by December for Assessing Regional Impacts for 2017. Council preparing the municipality for the future for opportunity for qualifying for government funding. Support for this initiative comes from the Capacity Building Fund.

Morley: Long range document to identify short term and long term goals for the municipality. A guidebook for grant and funding applications for the township.



- c. Update on Environmental and Geological Field Studies
  - i. Geological Studies. Hornepayne, White River, and Manitouwadge completed. More details to come. No significant opposition during Geological Studies.
- d. Municipal Engagement Update
  - i. In touch with Hornepaynes regional neighbours- Schrieber, Terrace Bay, Marathon, Longlac, Greenstone, Hearst Mayor and council and Nord-aski. Mayor Spacek of Kapuskasing is requesting NWMO updates as well.
- e. Corporate Social Responsibility Fund for 2016
  - i. Community volunteer based activities-please apply. More funding will be available in the New Year.
- f. Aboriginal engagement update
  - i. NWMO Arthur Moore
- g. Communications Update
  - i. None

Lisa Stewart Arrives 6:19pm

- 6. Discussion of Recent Events/Activity in the Community and Area.
  - a. CLC Closed Meeting Protocol
    - i. Morley states the Ombudsman investigation is ongoing relating to the January 12<sup>th</sup> 2016 meeting. Council receives training frequently and takes an amount of funding that may be drawn from the Capacity Building Fund. We are to follow municipal by-laws.
  - b. CFNO-Christmas NWCLC Message
    - i. "The Nuclear Waste Community Liaison Committee in Hornepaynes vision is the long term management of Canadas' nuclear waste, in a manner that safe guards people and respects the environment now and in the future. We encourage you to drop by the community office at 247 Third Avenue for more information and share your questions and concerns. For more information please visit our website at [CLCinfo.ca/Hornepayne/](http://CLCinfo.ca/Hornepayne/) . Together we will



- find solution... Wishing you and yours a safe and healthy holiday season.”
- ii. Be it resolved that on October 25<sup>th</sup> 2016 the Hornepayne Nuclear Waste Community Liaison Committee recommends to Municipal Council that the 2016 CFNO NWCLC Christmas message to read as stated.
  - iii. Moved by: Paul Stewart
  - iv. Seconded by: Yves Vaillancourt
    - i. Carried
- c. Hornepayne.com-NWCLC featured on main page and business tab
- i. Be it resolved that on October 25<sup>th</sup> 2016 the Hornepayne Nuclear Waste Community Liaison Committee would like to have the CLC website included on the Local Hornepayne.com main page and business tab for the sale price of \$150.00 + HST for (1) one year.
  - ii. Moved by: Paul Stewart
  - iii. Seconded by: David Jaremy
    - i. Carried
- d. Jackfish Journal Christmas Advertisement
- i. Be it resolved that on October 25<sup>th</sup> 2016 the Hornepayne Nuclear Waste Community Liaison Committee would like to have a full page advertisement in the Jackfish Journal Christmas Edition 2016 for the price of \$305 + HST
  - ii. Moved by: Yves Vaillancourt
  - iii. Seconded by: Paul Stewart
    - i. Carried
- e. CLC Business Cards
- i. Be it resolved that on October 25<sup>th</sup> 2016 the Hornepayne Nuclear Waste Community Liaison Committee would like to have a contact card created for the Project Co-ordinator at the Learn More Office.
  - ii. Moved by: Morley Forster
  - iii. Seconded by: Carlo Bin
    - i. Carried

- f. Office Hours for Christmas Holiday Season
  - i. Be it resolved that on October 25<sup>th</sup> 2016 the Hornepayne Nuclear Waste Community Liaison Committee accepts the proposed 2016/17 Holiday Season Office Hours as Office Closed week of Dec 19<sup>th</sup>-23<sup>rd</sup>, 26<sup>th</sup>-30<sup>th</sup> 2016, and January 2<sup>nd</sup>-6<sup>th</sup> 2017. Office will reopen January 9<sup>th</sup> 2017
  - ii. Moved by Paul Stewart
  - iii. Seconded by Yves Vaillancourt
- i. Carried

7. Presentation by Derek Wilson-NWMO Vice President of Design and Construction- *“Deep Geological Repository, Centre of Expertise, and Associated Facilities”*

- a. *Container Design and Review and Optimization*
  - i. *Hemispherical heads*
  - ii. *Manageable weight*
  - iii. *Integral copper coating*
    - 1. *Electro-deposition-not for hot cell environment*
    - 2. *Cold Spray for the weld for hot cell environment.*
- b. *Centre of Expertise-Technical Function*
  - i. *Proof-testing program*
  - ii. *Core Storage, Logging, & Materials Laboratory*
  - iii. *Environmental Monitoring B& Laboratory*
  - iv. *Maintenance Facility and Sample Storage*
- c. *Closure Weld-HLAW*
  - i. *Manufacturing Plant-using Closure weld HLAW (Hybrid Laser Arc Welding)*
- d. *Key Surface Facilities*
  - i. *Access and Ventilation Shafts*
    - 1. *Main Shaft-used fuels container transport*
    - 2. *Service Shaft-transport personnel, equipment, waste rock*
    - 3. *Ventilation Shaft-Primary exhaust air pathway*
  - ii. *Used Fuel Packaging Plant*
  - iii. *Sealing Materials Compaction Plant (SMCP)*
  - iv. *Process and surface water management systems*



- v. *Administration and auxiliary services facilities*
  - vi. *Security and safety services (first aid and fire services)*
  - vii. *Laboratory and radiation protection facilities*
  - e. *Conceptual Repository Layout*
    - i. *Capacity for 4.6 million bundles*
    - ii. *Crystalline host rock at depth of 500m to 1000m*
    - iii. *Underground footprint is 340 hectares*
    - iv. *Operations for 40 years followed by 70 years of monitoring*
    - v. *Concurrent construction and operations*
  - f. *Integrated Technical Assessments*
  - g. *Technical Research & Collaboration*
8. Responses to any questions raised.
- a. Why not use a polymer instead of steel?
    - i. Copper is naturally found and mined in Canada and cost wise it is more efficient and does the same thing in reference to corrosion resistance.
  - b. Is bentonite found in Canada?
    - i. Bentonite is found in Canada however the quality grade and abundance is found in Montana.
  - c. Would the used fuel bundles be handled at the Centre of Expertise?
    - i. They would be received from the Dry Storage Facility via the Used Fuel Transportation Package (UFTP) and then transferred to the packaging and compaction plant within the facility.
  - d. How many plants within the Centre of Expertise?
    - i. There will be multiple depending on the community. There will be a used fuel handling plant receiving shipments, packaging plant, compaction plant, manufacturing plant and so on.
  - e. Has there been any development in regards to the used fuel being re-used?
    - i. As of now, there is no way to re-use it. The Government has classified it as Used Nuclear Fuel/Waste and we are not able to re-classify it, so our job is to find a place for it.



- f. Will there be construction during the emplacement of the used fuel?
  - i. It is a hot cell environment so there is no person doing the emplacement, it is all equipment handling the used fuel. There will be construction ongoing on the other end of the repository. Construction on one side, emplacement on the other.
- g. Will this be the layout for the underground repository?
  - i. This is the ideal layout to maximize the given space but it depends on the rock formations beneath.
- 9. Other Business:
  - a. Confirm Date of Next Meeting: November 22<sup>nd</sup> 2016
- 10. Meeting Closure
  - a. Be it resolved that the Regular Meeting on October 25<sup>th</sup> 2016 of the Hornepayne Nuclear Waste Community Liaison Committee be adjourned at the time of 7:25pm
    - i. Moved by: Morley Forster
    - ii. Seconded by: Carlo Bin
    - i. Carried