



AGENDA

The Corporation of the Township of Ignace
Ignace Community Nuclear Liaison Committee
Wednesday, February 9th, 2022
At 6:00pm CDT via Zoom
Meeting ID: 886 8753 7014 Passcode: 562560



- 1) Call to Order
- 2) Adopt Agenda – MOTION #2022-0209-1
- 3) Declaration of Conflict of Interest
- 4) Approval of Previous Meeting Minutes
 - a) January 12, 2022 – MOTION #2022-0209-2
- 5) ICGR Update – Penny Lucas
- 6) ICNLC Project Coordinator – Jeff Lederer
- 7) Business arising from Minutes
- 8) Old business
- 9) NWMO Environmental presentation – Billy Moore and Joanne Jacyk
- 10) ICNLC Storefront Update – Jeff Lederer
- 11) Discussion regarding ICNLC Initiatives for 2022
- 12) ICNLC Engagement Update – Kim Richards
- 13) New Business
- 14) Regional Partner Updates
- 15) Township Updates
- 16) NWMO Updates
 - a) Communications Update
 - b) Engagement Update
 - c) Environmental Update
 - d) Indigenous Update
 - e) Partnership Update
 - f) Technical Update
 - g) Transportation Update
 - h) Relationship Manager Update



AGENDA

The Corporation of the Township of Ignace
Ignace Community Nuclear Liaison Committee
Wednesday, January 12th, 2021
At 6:00pm CDT via Zoom
Meeting ID: 886 8753 7014 Passcode: 562560



- 17) Correspondence and Information
- 18) Report or Input of Committee Members
 - a) Community Studies Update – Cindy Stark
- 19) Adjournment – **MOTION #2022-0209-3**

DRAFT



The Corporation of the Township of Ignace
Ignace Community Nuclear Liaison Committee Meeting

Wednesday, February 9, 2022
At 6:00 PM @ Learn More Centre(members only) and via Zoom for the public
<https://zoom.us/j/96819226334?pwd=MVZUbXNSV01iVidrQ1hQM2VJLOpvQT09>



ICNLC Members:

Brad Greaves - Chair	Penny Lucas - Mayor	Regrets:
Lee Kennard	Roger Dufault	Wyatt Mantle
Paul Dufault	Cindy Stark	
Debbie Hart	Tyler Peacock	
Diana Baril	Donna Chief	

NWMO:

Rachelle Davenport	Chantelle Gascon	Vince Ponka
Lisa Ferrara	Daila Delescaille	Jack Falkins
Robin Beauclair	James Wagar	Kevin Muloin
Matt Long	Paula Goldrup	Rick Saarinen
Ted Mitchell	Billy Moore	

Township staff :

Kimberly Richards	Jeff Lederer	Keith Roseborough
Leisel Edwards	Lynda Colby	

- 1. Call to Order – Chair Brad Greaves called the meeting of the Ignace Community Nuclear Liaison Committee to order at 6:00 pm. January 12, 2022.**

2.

Verbal Motion: # 2022-0112-1

Moved by: Debbie Hart **Seconded by: Tyler Peacock**

That, the Agenda of the Ignace Community Nuclear Liaison Committee dated January 12th, 2021 be approved as amended.

Amendments: 17. A will be removed as Cindy Stark does not have an update for Community Studies this month.

Carried

- 3. Disclosure of Pecuniary Interest and the General Nature Thereof**

4.

Verbal Motion: #2022-0112-2

Moved by: Cindy Stark **Seconded by: Paul Dufault**

That, the minutes of the Ignace Community Nuclear Liaison Committee dated November 10th, 2021 be approved as amended.

Amendments: none

Carried



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5. Business Arising from Minutes

None.

6. Old Business

None.

7. Discussion of ICNLC Chair to attend the 6th annual International Conference on Geological Repositories (ICGR) in Finland in April 2022. – Penny Lucas

Penny included information in the meeting package regarding the ICGR. The Township of Ignace has been invited to the 6th annual International Conference on Geological Repositories in Helsinki, Finland in April, 2022. NWMO will be paying the expenses for the Ignace attendees. Penny Lucas has been asked to attend as one of the panellists in the conference. NWMO is willing to cover the cost for two more people in the community. Penny suggested that the Chair of the ICNLC, or the Vice-Chair if the Chair is unable, should attend. The conference is about advancing geological repositories from concept to operations. Ignace's involvement in the panel is focused on public engagement and how that has been going over the past 10 plus years and how Ignace was involved in the process. Penny asked that a motion be called from the ICNLC committee that they recommend to Council that the Chair accompany Mayor Lucas to the ICGR, or that the Vice-Chair in the event that the Chair can't attend.

Verbal Motion: #2022-0112-3

Moved by: Tyler Peacock

Seconded by: Debbie Hart

That, the Ignace Community Nuclear Liaison Committee authorize the Chair to attend the Sixth International Conference on Geological Repositories (ICGR) to be held in Helsinki, Finland April 4th to 8th, 2022, and,

Further, that expenses are to be paid and arrangements made, by the Nuclear Waste Management Organization (NWMO),

And further, that in the event the Chair cannot attend, the Vice-Chair attend.

Amendments: none

Carried

Verbal Motion: #2022-0112-4

Moved by: Penny Lucas

Seconded by: Tyler Peacock

That, the Ignace Community Nuclear Liaison Committee recommends to Council that the third member on the Ignace Contingency would also be an ICNLC member. Volunteers for this third seat re Diana Baril and Roger Dufault.

Carried

8. Review of ICNLC Terms of Reference



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Brad asked members to review the Terms of Reference prior to the ICNLC meeting, and they were circulated in the meeting package. Council has asked that the ICNLC changes 4.1 of the Terms of Reference to include a new member, for a maximum of 12 members on the Committee. Further, the ICNLC will recommend to Council that the twelfth seat be offered to a member of the District of Kenora Unincorporated Ratepayers Association (DoKURA), in particular a representative from the District of Oxdrift. The increase of members on the ICNLC will also require a change to quorum, which will now state that quorum means 50% plus one.

Verbal Motion: #2022-0112-5

Moved by: Debbie Hart

Seconded by: Penny Lucas

That, the Ignace Community Nuclear Liaison Committee Terms of Reference be amended with the following updates:

Item 4.1: The ICNLC will be composed of a minimum of three (3) and a maximum of twelve (12) members who are residents of Ignace or property owners in Ignace and/or residents of neighbouring communities including two (2) appointed representatives of Council. Two members of senior Township of Ignace management employees will attend as non-voting members.

Item 9.1: A quorum means a majority of the whole number of Members of the Committee. Quorum is 50% of Committee members plus one (1).

And further, that the Ignace Community Nuclear Liaison Committee recommends to Council that this twelfth seat be offered in a letter from the Township of Ignace to the District of Kenora Unincorporated Ratepayers Association (DoKURA) and in particular a representative of the District of Oxdrift in whose territory the proposed Deep Geological Repository is situated.

Carried

9. ICNLC Storefront Update – Jeff Lederer

Council has approved the renovations for the ICNLC storefront by Ignace Public Library. Jeff has been talking to Robert Berube and he will be starting work on some wiring and plumbing. Special window and door had to be ordered and once supplies are in, the space will hopefully be ready by March, 2022. This will be a community focused space to talk about the issues and opportunities of the project and address questions that the public has.

10. Discussion regarding ICNLC Initiatives for 2022

Brad went over the list of engagement ideas that the ICNLC had talked about previously for 2022 focus including:

- Town Hall meetings/ Open Houses (targeted basis)
- ICNLC Storefront
- Having members of the ICNLC in the storefront regularly to talk to public
- Guest book at the storefront
- Door to Door engagement
- Reviewing the Terms of Reference
- Open Houses with NWMO staff on specific topics like transportation.



The Corporation of the Township of Ignace
Ignace Community Nuclear Liaison Committee Meeting

Wednesday, February 2nd 2022
At 6:00 PM @ Learn More Centre (members only) and via Zoom for the public
<https://zoom.us/j/96819226334?pwd=MVZUbXNSV01iVidrQ1hQM2VJL0pvQT09>



Brad encouraged everyone to continue brainstorming engagement initiatives.

11. ICNLC Engagement Update – Kim Richards

Kim had a PAL course set up for November 13-14 which had to be cancelled due to a snowstorm. Since then due to the restrictions the instructor has not been able to confirm a date. On November 13th the Robots and Pancakes event which had 12 children show up in person and 6 additional kits were sent out to kids who were unable to attend in person. Chelsey McNally at Contact North ran a G1 Prep Course at the Learn More Centre from December 7-9. We are hoping to pair this with G1 and G2 courses when we are able to do so. This is part of the series of Mini Life Skills Workshops that Township, NWMO staff, and various organizations around town have been programming. These were meant to be in person courses, with many launching in January. Due to the current restrictions the team has determined that while school has moved to online that it wouldn't be reasonable to expect kids to want to also do additional online learning in the evenings for the mini life skills workshops. A brochure is ready to go out into the community with weekly courses once we are able to continue them in an in person manner. Winter Fest is continuing to be planned, and for the time being we are planning for a couple of events in February as long as we are able to still hold them for a game night and a movie night at the Learn More Centre. The 2022 ICNLC Brochure was sent out to the community just before Christmas to 450 mailboxes in Ignace. Kim has attempted to launch the Youth Advisory Council three times over the past year and a half. The first two times had zero turnout, and the third time a BBQ was held at the beach, which saw 10 kids come out for a fun event, but none signed up for the Youth Advisory Council. It has been determined by the Youth Advisory Working Group and by Township Student Employees that kids are more interested in fun events with informal methods of brainstorming/ having their voices heard. There is very little interest in forming a formal group for the youth. So the Working Group is going to focus on fun events and piggybacking brainstorming sessions and integrating collaborative sessions into these informal events. June 18th has been slated for the Graffiti Project Day at Ignace Skatepark, which will launch the Urban Art Trail as well.

12. New Business

None

13. Regional Updates

Donna Chief - Wabigoon has been doing more engagement with their off-reserve and they have new leadership. There are some big plans for spring for youth engagement, but nothing concrete.

Tyler Peacock – Dryden is wrapping up their Community Capacity Study and Business Gap Analysis including some draft presentations to the public for gathering their feedback. The value of building permits in Dryden has seen a significant jump over the past few years. Their Community Improvement Plan has seen some good utilization. The City of Dryden has invested roughly \$196,000 in cash and in-kind to the Community Improvement Plan. Dryden's budget should be approved in February. Marshalina and Roger are pushing for a new Committee called the Dryden Nuclear Education & Engagement Committee to come into being in the first quarter of 2022. Tyler will not be on the new committee.

14. Township Update – Penny Lucas

The Township of Ignace municipal office is closed due to COVID-19 restrictions. The next meeting of Council is on January 17th. The Township is working on their budget and getting their departments sorted out and getting ready for everything in 2022 including continuing projects from last year and new projects.



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15. NWMO Updates

a) **Engagement Update – Chantelle Gascon**

Chantelle provided a written report in the meeting package.

b) **Environmental Update – Billy Moore**

NWMO is currently undertaking an aerial moose survey encompassing an area about 50 km in diameter. The purpose is to gather information on the baseline moose density, which will indicate the health of the general population of the area. This is being completed by KGS, an environmental consultant in partnership with their sub-consultants Northern Bio-Science and some Wabigoon Lake Ojibway Nation community members. The surveys are mirroring the protocols that the MNR uses. That survey started early January and they are about halfway through now. Consolidated summaries of the 2021 Environment work will be available in the presentation at next month's meeting.

c) **Indigenous Engagement – Kevin Muloin**

They had very good engagement through communities in the fall. They are shut downright now due to COVID-19 protocols. Kevin has accepted as the position of Section Manager of Indigenous Engagement in the Northwest, and they have hired more people to complement their team. The team members were introduced as follows:

Ted Mitchell (Dryden)

Paula Goldrup (Dryden).

Robin Beauclair (Ignace)

Jack Falcons (Thunder Bay)

Rick Saarinen (Fort William First Nation, Thunder Bay)

Their team is looking forward to continuing engagement once the restrictions lift.

d) **Communications Update – Vince Ponka**

It was a busy December with Borehole Tours that had over 200 people come out to the borehole site in the season. Vince commented on the growing media attention surrounding Ignace and the APM Project and the interest that is coming from national outlets. Covid has been holding back plans for Dryden, including the in-person KDMA Conference but the engagement team is continuing to make local and regional communication and engagement plans.

e) **Relationship Manager Update – Rachelle Davenport**

The Learn More Centre Office is currently closed and waiting for further updates and guidelines. The messages are being checked regularly at the office, and emails are regularly checked as well. The KDMA Conference has been moved to a virtual conference, and Lise Morton of NWMO will be speaking to the regional mayors and councillors and providing them with an annual update. NWMO will be opening a satellite office in Dryden at 33 King Street, in the top floor of what is currently the Township of Ignace satellite office. The NWMO satellite office will hopefully be ready for February as long as COVID-19 permits. NWMO's 2022 Engagement Calendar has been completed and includes more open houses and coffee



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chats not only in Ignace but in communities around the region. The Mobile Learn More Centre will be touring around the KDMA region communities, the local service board communities, as well as local indigenous communities. The focus for 2022 will be increased engagement and community studies. NWMO will be supporting the Township and consultants with these studies as well as their Willingness activities as needed.

CLC members who may belong to other groups or organizations that would like more information or presentations on the NWMO and the work being done, are asked to please let Rachelle or Chantelle know and they can work to help schedule something that suits the needs of their respective committees and organizations.

16. Correspondence and Information

none

17. Report or Input of Community Members

None

18. Adjournment

Verbal Motion: #2022-0112-6

Moved by: Paul Dufault

Seconded by: Lee Kennard

That, the meeting of the Ignace Community Nuclear Liaison Committee dated January 12th, 2022 be adjourned at 7:28 pm.

Carried

NWMO (Ignace) Engagement Activities Report

For the period: January 13, 2022 to February 9, 2022
Prepared For: Ignace Community Nuclear Liaison Committee Meeting of February 9, 2022
By: Chantelle Gascon, Community Liaison Manager

Project Updates and Engagement

January 19, 2022	City of Dryden Learning Series – Community Studies
January 20, 2022	Kenora District Municipal Association Update by Lise Morton, Vice President, Site Selection
January 24, 2022	ROMA Conference – Virtual Booth
February 8, 2022	International Rainy-Lake of the Woods Watershed Board Community Advisory Group Presentation
Ongoing	Community Studies Interviews

Youth Engagement, Youth Advisory Working Group Initiatives & EIES

January 18, 2022	Red Lake DHS SHSM Mining Program Presentation
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Upcoming

February 11, 2022	University of Manitoba CGS Student Chapter Geoscience/Hydrogeology Presentation
February 16, 2022	Youth Economic, Community & Culture Community Studies Workshop
February 16, 2022	Ignace LMC Open Office Event (pending facility restrictions)
February 23, 2022	City of Dryden Learning Series – Regional Engagement
TBD	Red Lake DHS SHSM Environmental Presentation
TBD	Ontario Research Fund (ORF) Youth Outreach Initiative

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

1.0 Mandate

- 1.1 The Ignace Community Nuclear Liaison Committee (ICNLC) is a committee approved by Council, and its mandate is to facilitate community and regional engagement, and assist with activities and events related to preparing the community for the possibility of hosting the Deep Geological Repository for Canada's used nuclear fuel.

2.0 Address

- 2.1 The address of the ICNLC shall be P.O. Box 248, Ignace, ON P0T 1T0 with the physical address being 34 Main Street (Hwy 17), Ignace, ON P0T 1T0 inside the Township building.

3.0 Meeting Location

- 3.1 Meetings will be held in the Board Room of the Learn More Centre, Ignace, Ontario, unless otherwise specified by the Chair in the notice of meeting.

4.0 Membership

- 4.1 The ICNLC will be composed of a minimum of three (3) and a maximum of twelve (12) members who are residents of Ignace or property owners in Ignace and/or residents of neighboring communities including two (2) appointed representatives of Council. Two members of senior Township of Ignace management employees will attend as non-voting members.
- 4.2 The term of membership on the ICNLC shall be renewable four year terms to coincide with the term of Council.
- 4.3 With the exception of an election year, in November of each year the ICNLC shall select from among its members a Chair in the form of a Chairperson and a Vice Chair to take effect in January of each year.
- 4.4 If a member misses three consecutive meetings, or six meetings in 12 months, the ICNLC, at its discretion, will consider removing the member.
- 4.5 Vacancies will be filled by periodic advertising in the community or by ad hoc recruitment.
- 4.6 The process for appointment is to submit a letter of interest to the Township of Ignace for council's consideration and appointment. Council may request input.

5.0 Responsibilities of the Chair and/or Vice-Chair

- 5.1 Presides at meetings, maintains order and keeps the meeting moving.

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

- 5.2 In the absence of the Chair, the Vice-Chair will perform the Chair responsibilities.
- 5.3 Approves the agenda and adheres to it by accepting only discussion on the topic from the floor.
- 5.4 Starts and adjourns meetings on time.
- 5.5 Knows the rules of meeting procedure.
- 5.6 Is aware of the priority of business items and schedules them appropriately.
- 5.7 Is prepared to represent the ICNLC.
- 5.8 Delegates' responsibility and authority.
- 5.9 Reports to Council in writing on an as needed basis or when required.

6.0 Responsibilities of Members

- 6.1 Be on time for meetings.
- 6.2 Attend regularly to keep aware of the current business.
- 6.3 Read and approve Minutes.
- 6.4 Become familiar with meeting procedures and follow the rules.
- 6.5 Seek ways to move discussion along, e.g., avoid repeating opinions and examples already given.
- 6.6 Understand each motion and/or recommendation before voting on it.
- 6.7 Make every attempt to be positive in his/her participation.
- 6.8 Be willing to volunteer.

7.0 Responsibilities of the ICNLC Project Coordinator

- 7.1 Support the Chair in developing meeting agendas.
- 7.2 Record and distribute ICNLC minutes.
- 7.3 Facilitate the sharing of information amongst members.
- 7.4 Advise and update ICNLC and Council on Committee matters.
- 7.5 Report to ICNLC, Council and CAO/ Clerk on Committee activities.

8.0 Meetings

- 8.1 Notice of Meetings shall be given to the members by email as well posting a public notice in accordance with the Township of Ignace's By-Law #64/2020, Proceedings of Council and Committees policy.
- 8.2 Meetings will normally be held once per month (except August and December) or as otherwise deemed necessary.
- 8.3 Special meetings may be called by the Chair when the Chair deems it in the best interest of the ICNLC. Notice of the meetings shall be given to the members 48 hours prior to the meeting, except in emergency situations where less notice is required. The notice of meeting shall state the purpose of the meeting, and the business to be transacted at the meeting. No other business

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

but that specified in the notice may be transacted at the special meeting. Participation at the meeting may be by telephone.

8.4 Regular meeting packages shall be distributed by email 5 days prior to the meeting.

8.5 After the election of a new Township of Ignace council and their appointment of committee members to the Ignace Community Nuclear Liaison Committee for the next term; the Project Coordinator shall call the inaugural meeting of the ICNLC. And further, the Project Coordinator shall chair the meeting until the election of a chairperson.

8.6 Consistent with Township of Ignace procedural by-laws, persons wishing to present information or speak to the ICNLC at a meeting shall have an opportunity to do so at the start of the meeting under Deputations on the Agenda. Such persons shall have no more than ten (10) minutes to address the Committee and no debate on any subject shall be engaged in by either Committee members or the person, but Committee members are allowed to ask questions of the presenter for clarification purposes.

A Deputation request has to be submitted in writing before 4:00 pm on the Tuesday prior to the meeting to the ICNLC Project Coordinator. The ICNLC Project Coordinator shall notify the person requesting a Deputation that they will be allotted ten (10) minutes to address the Committee and that a written copy of the presentation must be submitted to the ICNLC Project Coordinator before, during or following the Deputation.

The ICNLC Project Coordinator shall record, without note or comment, the name of the person/group represented. The written deputation presentation shall be duly noted in the minutes and filed with the ICNLC Project Coordinator for public record. Committee members may address the presenter during the presentation but shall not make any decisions or answer any requests during the presentation. Persons appearing before the Committee shall confine their remarks to the business stated in their request.

9.0 Quorum

9.1 A quorum means a majority of the whole number of Members of the Committee. Quorum is 50% of Committee members plus one (1).

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

10.0 Order of Business

- 10.1 Call to Order
- 10.2 Adopt Agenda
- 10.3 Declaration of Conflict of Interest
- 10.4 Deputations
- 10.5 Approve Minutes of Previous Meeting(s)
- 10.6 Business Arising out of the Minutes
- 10.7 Old Business
- 10.8 New Business
- 10.9 Regional Partner update
- 10.10 Township update
- 10.11 NWMO Updates
- 10.12 Correspondence and Information
- 10.13 Report/Input of Committee members
- 10.14 Other Business
- 10.15 Adjournment

11.0 Voting

- 11.1 Generally, decisions will be made by motion and voted upon by membership present.

12.0 Sub-Committees

- 12.1 The ICNLC may appoint sub-committees as it deems necessary to carry out the mandate of the committee. The ICNLC shall clearly define the purpose, the term, and the budget for the sub-committee.

13.0 Rules of Procedure

- 13.1 Robert's Rules of Order will be used as a guide when matters of procedure are called into question.

14.0 Report to Council

- 14.1 Recommendations to Council shall be made by the Committee, by resolution for consideration and possible action by Council through a Recommendation Form.

15.0 Amendments to Terms of Reference

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

- 15.1 These Terms of Reference may be altered, amended, repealed, or added to by approval of an absolute majority of the current ICNLC voting membership and submitted to Council for approval.
- 15.2 These Terms of Reference are to be reviewed annually at the first meeting of the year.

16.0 Media Relations Protocol Guidelines

- 16.1 Local, regional, national and international media are vital partners in achieving the mandate of the Ignace Community Nuclear Liaison Committee (ICNLC). In order to maximize the advantages of media presentation and minimize the risks of media misrepresentation, the ICNLC has developed a stand-alone Communications Protocol.
- 16.2 Reporters are to be treated with courtesy, respect and in a professional manner.
- 16.3 Spoke persons for the ICNLC will at all times keep in mind the Township of Ignace's Confidentiality Policy and conduct themselves in accordance with the Municipality's Code of Conduct for Council and Committee members and ICNLC Communications Protocol.

17.0 Reimbursement for Expenses

- 17.1 Reimbursement for expense claims for participants of Nuclear Waste Management Organization or Ignace Community Nuclear Liaison Committee activities shall be in accordance with Township of Ignace Policies.

18.0 Abbreviations and glossary of terms

- 18.1 ICNLC members should be familiar with the following list of abbreviations and terms.

- 18.2 Abbreviations:

CLC - Community Liaison Committee

CNA - Canadian Nuclear Association

CNS - Canadian Nuclear Society

CNSC - Canadian Nuclear Safety Commission

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

NWMO - Nuclear Waste Management Organization

SMRs- Small Modular Reactors

STEAM - Science Technology Engineering, Arts and Mathematics

STEM - Science Technology Engineering and Mathematics

18.3 Glossary of terms

Adaptive Phased Management (APM)

Adaptive Phased Management is the name of Canada's Plan for the long-term management of used nuclear fuel.

Boreholes (BH)

A borehole is a narrow, deep, circular hole made in the ground using motorized equipment (drilling equipment). The process involves drilling the borehole and retrieving cylinder-shaped rock samples called core.

CANDU

CANDU stands for CANada Deuterium Uranium. CANDU is a nuclear reactor of a Canadian design in which the fuel is unenriched uranium oxide clad in zircaloy and the coolant and moderator is heavy water.

Deep Geological Repository (DGR)

The deep geological repository is a network of underground tunnels and placement rooms for used nuclear fuel containers. It is designed to safely contain, and isolate Canada's used nuclear fuel over the long-term.

Early Investments in Education and Skills (EIES)

A program which involves building capacity to participate in the APM project. This includes investments in training and education to equip community members to work at the Centre of Expertise, and in subsequent site preparation, construction and operation activities were it to come to the community. These investments are intended to include transferable skills that could be applied to other projects or workplaces as well.

Indigenous Knowledge

Indigenous Knowledge is a complex and sophisticated system of knowledge drawing on millennia of wisdom and experience that constantly grows and expands with the experience of each generation.

Millisievert (mSv)

IGNACE COMMUNITY NUCLEAR LIAISON COMMITTEE

Terms of Reference

The scientific unit of measurement for whole body radiation dose, called "effective dose," is the (mSv). Other radiation dose measurement units include rad, rem, roentgen, sievert, and gray.

Multiple-Barrier System

In the deep geological repository, a series of engineered and natural barriers will work together to contain, and isolate used nuclear fuel from the environment.

Nuclear Reactor - A device used to initiate and control a self-sustained nuclear chain reaction.

Radiation

Radiation is energy travelling through space.

We are exposed to low levels of radiation every day from many sources, including cosmic rays and natural radioactivity in soil, rocks and food.

Reconciliation

The act of causing two people or groups to become friendly again after an argument or disagreement.