



## **Supplementary Information**

### **Written submission from Ontario Power Generation Inc.**

In the Matter of the

**Ontario Power Generation Inc.**

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Application for a licence to construct one BWRX-300 reactor at the Darlington New Nuclear Project Site (DNNP)

**Commission Public Hearing  
Part-1**

**October 2, 2024**

## **Renseignements supplémentaires**

### **Mémoire d'Ontario Power Generation Inc.**

À l'égard d'

**Ontario Power Generation Inc.**

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Demande visant à construire 1 réacteur BWRX-300 sur le site du projet de nouvelle centrale nucléaire de Darlington (PNCND)

**Audience publique de la Commission  
Partie-1**

**2 octobre 2024**

**OPG Proprietary**

September 25, 2024

CD# NK054-CORR-00531-11099

**Ms. CANDACE SALMON**

Commission Registrar

Canadian Nuclear Safety Commission  
280 Slater Street  
Ottawa, Ontario  
K1P 5S9

Dear Ms. Salmon:

**Supplemental Written Submission in Support of the Public Hearing on Ontario Power Generation Inc.'s application for a licence to construct one BWRX-300 reactor for its Darlington New Nuclear Project**

- References: 1. OPG Letter, M. Knutson to C. Salmon, "Notice of Participation at CNSC Public Hearing 2024-H-03 and Written Submission in support of the hearing on the application for the Darlington New Nuclear Project Construction Licence", June 28, 2024, CD# NK054-CORR-00531-11031.

The purpose of this letter is to submit supplementary information to the Commission for the Nuclear Power Reactor Construction Licence (PRCL) for OPG's Darlington New Nuclear Project (DNNP). Attachment 1 provides the presentation for the public hearing to be held on Oct. 2, 2024 on *Ontario Power Generation Inc.'s application for a license to construct one BWRX-300 reactor for its Darlington New Nuclear Project*.

Additionally, in support of the hearing, OPG has enclosed the "Darlington New Nuclear Project Indigenous Engagement Report May November 2023-September 2024" in Enclosure 1.

If you have any questions, please contact Ms. Sevana Bedrossian, Senior Manager, Regulatory Affairs – DNNP Licensing at (416) 716-3879 or by e-mail at [sevana.bedrossian@opg.com](mailto:sevana.bedrossian@opg.com)

Sincerely,



Mark R. Knutson, P. Eng.  
Senior Vice President  
Chief Enterprise Engineer and Chief Nuclear Engineer  
Ontario Power Generation Inc.

cc: S. Eaton – CNSC (Ottawa)  
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Darlington New Nuclear Project / Nouveau Projet Nucleaire de Darlington  
(dnnp-npnd@cnscccsn.gc.ca)

Attachments:

1. OPG Presentation, “OPG Hearing Presentation in support of the Public Hearing on Ontario Power Generation Inc.’s application for a licence to construct one BWRX-300 reactor for its Darlington New Nuclear Project,” CMD 24-H3.1A

Enclosure:

1. OPG Report, “Darlington New Nuclear Project Indigenous Engagement Report November 2023-September 2024” CD# NK054-REP-00531-10008 R00, Sept. 23 2024.

Attachment 1 to OPG Letter, M. Knutson to C. Salmon, "Supplemental Written Submission in Support of the Public Hearing on Ontario Power Generation Inc.'s application for a licence to construct one BWRX-300 reactor for its Darlington New Nuclear Project", CD# NK054-CORR-00531-11099

**ATTACHMENT 1**

**OPG Hearing Presentation  
in support of the Public Hearing on Ontario Power Generation Inc.'s application for a  
licence to construct one BWRX-300 reactor for its Darlington New Nuclear Project  
CMD 24-H3.1A**

Enclosure 1 to OPG Letter, M. Knutson to C. Salmon, "Supplemental Written Submission in Support of the Public Hearing on Ontario Power Generation Inc.'s application for a licence to construct one BWRX-300 reactor for its Darlington New Nuclear Project", CD# NK054-CORR-00531-11099

**Enclosure 1**

**Darlington New Nuclear Project Indigenous Engagement Report November 2023 -  
September 2024  
CD# NK054-REP-00531-10008 R00  
September 2024**



REPORT

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**Darlington New Nuclear Project Indigenous Engagement Report November 2023 to September 2024**

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**Darlington New Nuclear Project  
Indigenous Engagement Report  
November 2023 to September 2024**

**NK054-REP-00531-10008**  
2024-09-23

Order Number: N/A  
Other Reference Number: N/A

Prepared by:

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2024-09-25

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Date



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**Revision Summary**

<b>Revision Number</b>	<b>Date</b>	<b>Comments</b>
R000	2024-09-23	Initial Issue



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**1.0 IDENTIFIED INDIGENOUS NATIONS AND COMMUNITIES**

The lands and waters on which the Darlington New Nuclear Project (DNNP) is situated are within the traditional and treaty territory of the Williams Treaties First Nations (WTFNs), which includes Curve Lake, Hiawatha, Alderville, the Mississaugas of Scugog Island, Chippewas of Beausoleil, Chippewas of Georgina Island and the Chippewas of Rama First Nations.

In 1923, the Chippewa First Nations and the Mississauga First Nations signed the Williams Treaties and together, over 90 years later in June 2018, these Nations joined to ensure that their rights to and the relationship with these lands is respected through a renewed agreement with Canada and the Province of Ontario.

Other Indigenous Nations and Communities which have expressed interest in the project or who have been identified for engagement by the Crown include Mohawks of the Bay of Quinte (MBQ), Métis Nation of Ontario Region 8 (MNO 8), Kawartha Nishnawbe, Six Nations of the Grand River, the Saugeen Ojibway Nation and the Huron Wendat. OPG is prepared to discuss the DNNP with any interested Indigenous Nation or Community.

OPG acknowledges the inherent, Aboriginal and treaty rights of Indigenous Nations and Communities as recognized in the *Constitution Act, 1982*. OPG’s Indigenous Relations policy provides a framework for engaging with Indigenous peoples, advancing reconciliation and to report on the company’s activities and progress in achieving established goals.

The purpose of this Indigenous Engagement Report (IER) is to document Indigenous engagement activities related to DNNP, to track issues and concerns raised, as well as steps OPG has taken to minimize impacts or to address raised issues. This report is prepared in accordance with REGDOC-3.2.2, Indigenous Engagement.

OPG’s objective with respect to engagement with interested Indigenous Nations and Communities is to share information on DNNP, understand concerns and potential impacts to Aboriginal and treaty rights, promote dialogue and create collaborative opportunities for participation in the development, implementation, and review of mitigation measures. This engagement is built upon a relationship of trust and respect in order to be meaningful.

OPG has offered capacity funding agreements to all the WTFNs. To date agreements are in place with Curve Lake, Mississaugas of Scugog Island, Hiawatha and Alderville First Nations. Capacity funding has also been provided to other Indigenous communities based on submitted costs and expenses, such as the Métis Nation of Ontario Region 8.

The Indigenous Nations and communities included in the IER are listed in Table 1.

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**Table 1: Indigenous Nations and communities Included in OPG Indigenous Engagement Program Related to DNNP**

Indigenous Nation or Community	Treaties Covering DNNP Lands	Affiliation	Cultural Group	Methodology & Rationale
Mississaugas of Scugog Island First Nation Williams Treaties First Nations (WTFN)	<ul style="list-style-type: none"> <li>Johnson-Butler Purchase/Gunshot Treaty (1787-88)</li> <li>The Williams Treaties (1923)</li> </ul>	Anishinabek Nation	Mississauga	<ul style="list-style-type: none"> <li>Community is approximately 37 km from site.</li> <li>Rights holder.</li> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Alderville First Nation Williams Treaties First Nations (WTFN)	<ul style="list-style-type: none"> <li>Johnson-Butler Purchase/Gunshot Treaty (1787-88)</li> <li>The Williams Treaties (1923)</li> </ul>	Anishinabek Nation	Mississauga	<ul style="list-style-type: none"> <li>Community is approximately 75 km from site.</li> <li>Rights holder.</li> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Hiawatha First Nation Williams Treaties First Nations (WTFN)	<ul style="list-style-type: none"> <li>Johnson-Butler Purchase/Gunshot Treaty (1787-88)</li> <li>The Williams Treaties (1923)</li> </ul>	Assoc. of Iroquois and Allied Indians (AIAI)	Mississauga	<ul style="list-style-type: none"> <li>Community is approximately 75 km from site.</li> <li>Rights holder.</li> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Curve Lake First Nation Williams Treaties First Nations (WTFN)	<ul style="list-style-type: none"> <li>Johnson-Butler Purchase/Gunshot Treaty (1787-88)</li> <li>The Williams Treaties (1923)</li> </ul>	Anishinabek Nation	Mississauga	<ul style="list-style-type: none"> <li>Community is approximately 100 km from site.</li> <li>Rights holder.</li> </ul>

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Indigenous Nation or Community	Treaties Covering DNNP Lands	Affiliation	Cultural Group	Methodology & Rationale
				<ul style="list-style-type: none"> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Chippewas of Georgina Island First Nation Williams Treaties First Nations (WTFN)	The Williams Treaties (1923)	Anishinabek Nation	Chippewa	<ul style="list-style-type: none"> <li>Community is approximately 95 km from site.</li> <li>Rights holder.</li> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Chippewas of Rama First Nations Williams Treaties First Nations (WTFN)	The Williams Treaties (1923)	Anishinabek Nation	Chippewa	<ul style="list-style-type: none"> <li>Community is approximately 120 km from site.</li> <li>Rights holder.</li> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Beausoleil First Nations Williams Treaties First Nations (WTFN)	The Williams Treaties (1923)	Anishinabek Nation	Chippewa	<ul style="list-style-type: none"> <li>Community is approximately 210 km from site.</li> <li>Rights holder.</li> <li>DNNP is within traditional and treaty territory.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Huron-Wendat Nation	N/A	Assembly of First Nations Quebec-Labrador	Huron	<ul style="list-style-type: none"> <li>Community is located in Quebec.</li> <li>Traditional territory spans from southeast</li> </ul>

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Indigenous Nation or Community	Treaties Covering DNNP Lands	Affiliation	Cultural Group	Methodology & Rationale
				<p>Georgian Bay to St. Lawrence seaway.</p> <ul style="list-style-type: none"> <li>Ministry of Energy delegation via letter – interests are specific to archaeological resources.</li> </ul>
Mohawks of the Bay of Quinte	N/A	Association of Iroquois and Allied Indians (AIAI)	Haudenosaunee	<ul style="list-style-type: none"> <li>Community is located approximately 140 km from site – near Belleville.</li> <li>Expressed interests in the project. Interest in water rights (Lake Ontario).</li> <li>Ministry of Energy delegation via letter .</li> </ul>
Kawartha Nishnawbe	N/A		Mississauga	<ul style="list-style-type: none"> <li>Community is located approximately 90 km from site – near Burleigh Falls.</li> <li>DNNP is in process of learning this Community's interests in the project.</li> <li>Ministry of Energy delegation via letter.</li> </ul>
Métis Nation of Ontario Region 8	N/A	Métis Nation of Ontario	Métis	<ul style="list-style-type: none"> <li>Representation covers Durham, Toronto, York, Mississauga, Peel, and Halton.</li> <li>Expressed interests in the project.</li> <li>Ministry of Energy delegation via letter.</li> </ul>

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Indigenous Nation or Community	Treaties Covering DNNP Lands	Affiliation	Cultural Group	Methodology & Rationale
Six Nations of the Grand River	N/A	These Nations are the Mohawk, Cayuga, Onondaga, Oneida, Seneca and Tuscarora.	Haudenosaunee	<ul style="list-style-type: none"> <li>Community is located on the Grand River near Brantford Ontario.</li> <li>CNSC has recommended OPG offer updates on the project to this Community.</li> </ul>
Saugeen Ojibway Nation (SON)	N/A	Chippewas of Nawash Unceded First Nation and Saugeen First Nation are independent/unaffiliated First Nations. Nawash and Saugeen created a joint council known as the SON (Saugeen Ojibway Nation).	Chippewa	<ul style="list-style-type: none"> <li>Community is located at the Saugeen River and Bruce Peninsula.</li> <li>A key area of interest is waste transportation and storage at OPG's Western Waste site at Bruce. Engagement is led by OPG's IR and NSS groups, supported by DNNP.</li> </ul>

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**2.0 INDIGENOUS RELATIONS SUBSEQUENT REPORT, NOVEMBER 2023 – SEPTEMBER 2024**

On June 28, 2024, Ontario Power Generation (OPG) submitted a Notice of Participation at CNSC Public Hearing 2024-H-03 and Written Submission in support of the hearing on the Darlington New Nuclear Project – Application for a Licence to Construct a Reactor Facility. The information contained in this document is supplemental to the Indigenous Engagement Report (IER) information included in the submission and shall serve as an update to the information provided on that date.

OPG remains committed to long-term, respectful and meaningful relationships with the Rights holding and interest holding Indigenous Nations and Communities in the geographical area in which the Darlington New Nuclear Project (DNNP) is located. OPG continues to meet with the Michi Saagiig Nations of the Williams Treaties First Nations (WTFN) at least twice a month to share knowledge, receive input, respond to concerns, and to discuss the regulatory aspects of the project.

OPG provides this document as a current update to engagements and subject matter undertaken since June 2024 in respect of the upcoming Licence to Construct hearing (Part 1) on October 2, 2024.

**Indigenous Knowledge Study and Cumulative Effects Study**

Through our engagement with the Michi Saagiig Nations, OPG has learned the importance of understanding the traditional Indigenous uses of the lands and waters in which the DNNP is located. OPG team members also understand and acknowledge that this information is not widely shared outside of the Indigenous communities and respect that the Michi Saagiig Nations will share the information gathered through the Indigenous Knowledge Study (IKS) process with us as they deem appropriate. In parallel to the development of the IKS, OPG and WTFN have an on-going relationship that provides opportunity for Indigenous Knowledge to be incorporated into our consultation process on a continuous basis. For example, the current work being undertaken for aquatic and terrestrial offsetting has provided space for knowledge sharing, and incorporation of that knowledge into a new process for identification of appropriate lands and waters to be restored.

Currently, the Michi Saagiig Nations are coordinating amongst themselves regarding the scope and governance of the IKS. OPG supports this effort through capacity funding and looks forward to the results. Mississauga’s of Scugog Island First Nation have taken the lead on coordinating these efforts and a scoping exercise is planned to be completed in September 2024. It is our understanding that the scoping exercise will outline how the IKS will inform the Rights Impacts Assessment, currently being completed by the CNSC, as well as a Cumulative Effects Study. OPG respectfully awaits an update from the Nations on the process and continues to offer our support as required.

**Environmental Monitoring Augmentation Plan:**

Through engagement with the WTFN, OPG understands the desire to augment our existing environmental monitoring program by applying an Indigenous lens and to incorporate Indigenous traditional knowledge. OPG is committed to supporting and working with the Michi Saagiig Nations to

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develop an Environmental Monitoring Augmentation Plan, which would incorporate the Indigenous worldview into our current environmental monitoring programs. Through this, OPG will identify opportunities to expand and strengthen processes and recognize ways in which OPG can ensure our work does not only meet standards but exceeds them. It is understood that the Indigenous Knowledge Study (IKS) will inform the development of this plan and OPG is committed to supporting this process.

In August 2024, the Michi Saagiig WTFNs requested to move forward with an OPG/Michi Saagiig Nation sub-committee. This table will work towards developing the monitoring plan as well as seek opportunities to complement our existing environmental work with consideration to the 2009 EA. There are opportunities to augment processes which would be explored at this table. Currently, Hiawatha First Nation have committed to participating in the table and the other three Michi Saagiig Nations are reviewing the sub-committee option at the time of writing.

**Offsetting and Restoration:**

Various aspects of DNNP require both terrestrial and aquatic work and require aquatic offsetting and terrestrial restoration efforts in collaboration with the Michi Saagiig Nations of the Williams Treaties First Nations. This work is also a requirement of regulatory agencies i.e., Central Lake Ontario Conservation Authority (CLOCA), Ministry of Environment, Conservation and Parks (MECP), and Department of Fisheries and Oceans Canada (DFO).

The project has established Beneficial Actions Areas (BAAs) on-site and is working to define its scope regarding plants and other species, (e.g., bats, bank swallows). In addition, WTFN is recommending an instrument to protect the BAAs. This discussion is ongoing and may be achievable through the proposed project agreement.

Planning discussions with the Michi Saagiig Nations on offsetting and restoration plans are ongoing (e.g., Beneficial Action Areas on and off site, aquatic and terrestrial restoration) while also serving to inform the Indigenous Knowledge Study (IKS).

For example, OPG met with the Mississauga Nations at the Mississaugas of Scugog Island First Nation on June 11 to discuss aquatic offsetting and terrestrial restoration. There was a follow-up on terrestrial offsetting on August 12 at the Lynde Shores Conservation Area with Mississauga Nation representatives and Central Lake Ontario Conservation Authority (CLOCA) staff.

To advance these plans, OPG and WTFN are meeting beyond the permitting and monthly project meetings to engage and consult in depth. It was agreed in October 2023 that OPG and WTFN would meet quarterly to undertake offsetting and restoration plans. The first such meeting was held in June 2024 at MSIFN to discuss mapping activity and potential sites for the collaborative identification of offsets and restoration areas.

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**Permitting Engagement:**

OPG dedicates a formal meeting each month on permitting requirements. In addition to presentations on subject matter, questions from Indigenous Nations and Communities concerning the various permits are dispositioned outside of the meeting framework as required.

The DNNP has progressed permitting and approvals to support site preparation activities and some site establishment and early works construction activities (in anticipation of the issuance of a Licence to Construct) for the preparation and development for DNNP SMR Units 1-4. The scope of numerous permits and approvals for the site preparation phase for DNNP required engagement and consultation with the Michi Saagiig Nations, including permits and approvals tied to activities potentially impacting Aboriginal and Treaty rights, and impacts to aquatic and terrestrial species and habitats. Below is a list of permits/approvals which have been included in engagement and consultation:

- Permit to Take Water (PTTW) for Construction Dewatering
- Ministry of Natural Resources and Forestry (MNRF) Work Permit for Geotechnical Drilling for the Condenser Cooling Water Loop
- Ministry of Natural Resources and Forestry (MNRF) Well License for Geotechnical Drilling for the CCW Loop
- Transport Canada (TC) Approval for Geotechnical Drilling for the Condenser Cooling Water Loop
- Department of Fisheries and Oceans (DFO) Letter of Advice for Geotechnical Drilling for the Condenser Cooling Water Loop
- Central Lake Ontario Conservation Authority (CLOCA) approval for grading for Site Establishment activities for DNNP site areas 16a/16b
- Ministry of Environment, Conservation and Parks (MECP) Social Economic Benefit Permit for Clearing and Grubbing/Site Prep for SMR Units 2-4
- Aeronautical Assessment for Cranes
- Central Lake Ontario Conservation Authority (CLOCA) approval for temporary fence
- Central Lake Ontario Conservation Authority (CLOCA) approval for CCW Shaft
- Clarington – Noise By-Law Exemption
- NAV Canada Launch Shaft Crane
- Transport Canada (TC) Amended approval for dock dredging.
- Department of Fisheries and Oceans (DFO) Letter of Advice for Dock Dredging



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- Ministry of Environment, Conservation and Parks (MECP) Stormwater Management ECA
- Central Lake Ontario Conservation Authority (CLOCA) Work Permit for Dock Dredging

Engagement and consultation are continuing for permitting and approvals to advance site preparation and establishment activities for DNNP SMR Units 1-4. Pending the decision of the Commission, engagement and consultation on permitting and approvals for the construction phase of DNNP Unit 1 will also continue. The DNNP project teams will collaborate with Michi Saagiig Nations to review the permit and approvals schedule and plan for continued engagement and consultation through 2025.

**Commercial Participation Discussions:**

OPG is committed to exploring Indigenous commercial participation for new projects. To accomplish this with DNNP, OPG has engaged with the Michi Saagiig Nations who expressed interest in forming a partnership. Our conversations began in 2021 and were formalized in writing in 2022, allowing us to explore mutually beneficial commercial participation opportunities.

Participating WTFN and OPG teams have been meeting on a bi-weekly basis to advance concepts, work through questions, and resolve issues to focus on a proposed financial structure that meets the objectives of all parties. OPG has provided capacity funding throughout this process, including for the establishment of a new partnership entity on April 1, 2024. This partnership is intended to represent the collective economic interests of the participating Michi Saagiig Nations in the DNNP commercial discussions moving forward.

**Framework Agreements:**

OPG has established Framework Agreements with the Michi Saagiig Nations of Alderville, Curve Lake, Hiawatha, and the Mississaugas of Scugog Island. Additionally, an agreement is in place with the Six Nations of the Grand River.

The Framework Agreements allow for dedicated time and capacity funding to support ongoing, regular engagement on OPG’s nuclear and renewable generation operations. Frequency of meetings, as well as agenda and discussion topics, are developed in collaboration with Indigenous Nations and communities. OPG is currently meeting with:

- o Alderville, Hiawatha and Curve Lake First Nations on a monthly basis;
- o The Mississaugas of Scugog Island First Nation on a bimonthly basis; and,
- o The Six Nations of the Grand River on a quarterly basis.

**DNNP/WTFN Project Agreement:**

In the spring of 2024, MSIFN recommended OPG consider entering into a project agreement for DNNP to solidify their long-term relationship with OPG and the specific projects in their Treaty territory. MSIFN provided a draft project agreement, and the Indigenous Relations and Partnership team at OPG completed an initial review in Q2 2024. OPG intends to negotiate a project agreement for DNNP, and a

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long-term relationship agreement for sites in the traditional territories of the Michi Sagiig Nations of WTFN. This was communicated to the Nation through a Letter of Intent which was distributed in summer 2024.

To further this objective, OPG and WTFN plan to set out a mutually agreeable framework that will apply to their discussions regarding the project. The development of a project agreement is an important step in moving forward in a place of mutual respect and understanding.

**Indigenous Opportunities Network (ION):**

The Indigenous Opportunities Network (ION) at OPG was established in 2018. Originally a three-year project, ION leveraged Darlington Refurbishment as a means of increasing Indigenous labour participation in the building trades. Since this time, ION has grown to include more trades roles such as millwrights, and non-trades roles, such as project management trainees. At the same time, ION supports OPG vendor and trades partners and other energy sector firms, such as Hydro One. ION has also expanded beyond its original nuclear focus to other energy generation opportunities, e.g., hydro, gas, biofuels, battery storage.

ION is a key feature of OPG’s Reconciliation Action Plan, which was refreshed in 2024, as part of OPG’s plans to increase Indigenous employment and provide socio-economic benefits to Indigenous Nation and communities related to energy projects and operations.

Key ION partners include Kagita Mikam Aboriginal Employment and Training and Electrical Power Systems Construction Association (EPSCA). Kagita Mikam assist OPG in sourcing and preparing candidates for one-off and class training opportunities and provides funding to remove barriers to employment, such as transportation, childcare, personal protective equipment and union dues if applicable. EPSCA is a source of funding for ION and in 2024 doubled its two-year commitment to \$300,000 based on program success and future growth.

To date, 162 Indigenous candidates have been placed in roles, including 37 in 2024, the highest placement rate of any year.

2018	10
2019	12
2020	20
2021	26
2022	25
2023	32
2024	37 TD

The ION growth strategy is underway in 2024 for implementation in 2025. The rationale for the strategy is to formalize and strengthen the existing program to meet emerging challenges and opportunities, e.g., increased placement opportunities with OPG Renewable Generation (Hydro Electric Development), and

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new project work such as the Darlington New Nuclear Project and Pickering NGS Refurbishment. Developing ION to be sustainable related to the growth of business at OPG is critical.

OPG engages with ION candidates to evaluate their experiences with the program and makes improvements based on their experiences. In future it will be important to develop candidates for the skills needed by the energy industry.

#### **Indigenous Procurement for DNNP:**

The Darlington New Nuclear Project (DNNP) uses an integrated project model to leverage the strengths of four partners: OPG, Aecon, Atkins-Realis and General Electric. Each partner has an Indigenous Relations strategy harmonized through DNNP activities including targets for Indigenous procurement on an annual basis.

OPG is leveraging its success in this area to assist in meeting this goal. In 2023, OPG achieved \$198 million in procurement with Indigenous businesses and communities and approximately \$40 million in distributions from its equity partnerships with Indigenous partners.

The 2024 goal for overall Indigenous procurement on DNNP is \$18.5M. As of this date, \$11M has been spent with another \$7.1M committed to the system. OPG maintains a database of 268 of Indigenous business and community-owned assets.

OPG identified areas of potential growth and actions and formalized a plan to increase opportunities and improve processes in order to increase opportunities for Indigenous businesses.

#### **Internal Education:**

Responding to a request made in May 2023 from the Michi Saagiig Nations, the DNNP team has undertaken internal efforts to organize, plan and facilitate a series of awareness training for all project staff (OPG, GE, AECON, AtkinsRealis) to better understand Indigenous histories and culture.

The training emphasizes the Williams Treaties (1923) territory, and the 2018 Williams Treaties Settlement Agreement, though a general overview including treaties, residential schools, and cultural protocol, among other subjects, is also provided. The tiered training also includes Duty to Consult Lunch and Learns and the 'Just Get Over It' workshop offered through the First Peoples House of Learning at Trent University.

OPG ensures new staff on the DNNP team receive mandatory Indigenous Relations and awareness training as part of onboarding process; OPG ensures that project staff receive continued training and professional development opportunities to increase competencies and skills for working with Indigenous communities.

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**External Education:**

In our many ongoing discussions with Indigenous Nations and community citizens, OPG is often asked where communities can learn more about Ontario's electricity system in an accessible and approachable manner. To increase transparency into Ontario's electricity sector, and present facts in a relatable way, OPG has developed a new energy education program focused on the questions most often asked by citizens of the Indigenous Nations and communities OPG works with.

OPG has invested in a new program, entitled "*Generation for Generations— an energy education program*". This program has been to take participants on a learning journey through seven stories designed to help bring knowledge to Indigenous Communities, and individuals about how the grid works, types of power generation, which organizations are responsible for which areas of the energy industry, and much more. Delivery of this program is flexible as it relates to detail and time commitment for learning and will be customized to meet the education request of each audience.

This program will be a tool used primarily as OPG engages with Indigenous Nations and communities in a variety of ways including ongoing relationship touch points, capacity building and in discussions about existing and potential new projects. *Generation for Generations* content will be available on a website, which includes custom produced videos, as well as through in-person delivery of the program's contents using power point decks.

OPG will work with individual First Nations to assess their needs and customize roll out and delivery of the program's stories.

**Improvements to Governance and Process:**

As OPG embarks on the DNNP project, as well as other nuclear projects, it has been identified that a renewed process for Indigenous Relations, specific to the nuclear sector needed to be developed. In September 2024, a new model for this process was presented to OPG leadership and will be moving forward. The new model was created in respect of the capacity concerns of the First Nations and the number of projects OPG is engaging on with the same Indigenous Rights holders.

Through the development of this model, a subsequent Indigenous Engagement Roadmap was created to identify in which steps of a process, different engagement activities need to take place. The goal of this model is to ensure engagement happens earlier and with appropriate consideration for impacts to Indigenous Nations and Communities. This roadmap was shared with the Michi Saagiig Nations in August of 2024 for feedback. Once finalized, this document will be a guide for project and OPG governance updates. Recognition of the importance of this process can be seen through recent improvements to processes and has resulted in:

- Establishment of a waste table
- Establishment of an environment table
- Prioritization process (Michi Saagiig review of upcoming studies/sampling and the permitting roadmap to assess for priority level of engagement/consultation)

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- Increased event participation (pow wows, career fairs, Nation gatherings)
- Leadership to Leadership engagement (Michi Saagiig Chiefs met with OPG's CEO on July 2<sup>nd</sup> with future meetings planned)

### **Waste**

With the co-operation the Mississauga Nations, a new waste table was launched in August 2024 on this subject matter. The goal of the waste table is to share knowledge on all aspects of nuclear waste management including, minimization efforts, projects, interim storage, transportation and long-term disposal. Ultimately, the hope is that this table is educational, transparent builds trust and relationships - and one that strategizes solutions and develops communications that all parties can support.

### **Summary**

OPG's initial information sharing meetings on the project began in 2018. Since that time the breadth and scope of the subject matter has increased dramatically into a pathway for ongoing engagement and consultation: from the incorporation of Indigenous Knowledge into the project and collaboration on required permits, to planning on species offsetting and restoration as well as economic development opportunities. As always, the DNNP team is open to learning from the Indigenous Nations and communities we engage with and to improve the quality and nature of this engagement, as seen in the changes to the governance and processes noted above. OPG looks forward to continuing its collaboration with Indigenous Nations and communities with rights and interests in the project area.

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**Table 3: OPG Engagement Log for Identified Indigenous Nations and Communities**

**DNNP Engagement Log November 2023—September 2024**

Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
November 2, 2023	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	Trades Career Fair	<ul style="list-style-type: none"> <li>DNNP related career opportunities through the trades.</li> </ul>	Event focused on youth.	N/A
November 8, 2023	<ul style="list-style-type: none"> <li>Georgina Island First Nation</li> </ul>	Trades Career Fair	<ul style="list-style-type: none"> <li>DNNP related career opportunities through the trades.</li> </ul>	Event focused on youth.	N/A
November 22, 2023	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Metis Nation of Ontario Region 8</li> <li>Saugeen Ojibway Nation</li> </ul>	Receipt of Interventions from Nation and Indigenous communities via CNSC.	<ul style="list-style-type: none"> <li>N/A</li> </ul>	OPG IR and DNNP staff to review in preparation for January 2024 EA/EIS Hearing.	See CNSC website for copies of intervention. <a href="https://nuclearsafety.gc.ca/eng/the-commission/hearings/cmd/index.cfm#hearing-202401">https://nuclearsafety.gc.ca/eng/the-commission/hearings/cmd/index.cfm#hearing-202401</a>
November 23, 2023	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	<p>Tour of DWMF and site work for Building 3.</p> <p>Presentation by Nuclear Sustainability Services.</p>	<ul style="list-style-type: none"> <li>Presentation focused on:</li> <li>Used fuel storage at site related to DNNP.</li> <li>Disposition of L&amp;ILW</li> <li>Integrated Strategy on Radioactive Waste (NWMO)</li> </ul>	<p>Only reps from Curve Lake and Mississaugas of Scugog Island were available for the tour.</p> <p>Reps requested that technical information be rendered in plain language as much as possible; even more so when engaging Nation citizens.</p> <p>Reps noted it is important what waste is not as much as what it is.</p>	<p>Volume of used fuel dry cells needed for 60 years of operations.</p> <p>Fuel type and timeline for approval.</p> <p>Interim storage.</p> <p>Licensing for waste operations.</p> <p>Used fuel DGR and final disposition of SMR L&amp;ILW.</p>
November 30, 2023	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Butternut Tree Environmental eDNA Hybridization Survey</li> </ul>	<p>Report provided by CLFN on the subject.</p> <p>4 Directions on behalf of CLFN conducted an eDNA survey of two butternut trees on the SMR site prior to their removal.</p> <p>One tree was found not to be a hybrid and provided sufficient eDNA for subsequent laboratory review.</p>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				Various birds and turtle species were observed at the site; OPG was informed of the biodiversity and urged to maintain it.	
December 6, 2023	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> </ul>	Quarterly harvester's symposium.	<ul style="list-style-type: none"> <li></li> </ul>	Supported and attended a community harvester's gathering in CLFN to discuss DNNP, OPG and Nuclear Energy Generation with interested community members	
December 7, 2023	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	Tree ceremony before clearing activity at Site 1 re: LTC activities.	<ul style="list-style-type: none"> <li></li> </ul>	WTFN had requested increased role of ceremony in DNNP project.	
December 8, 2023	<ul style="list-style-type: none"> <li>Mohawks of the Bay of Quinte</li> <li>Metis Nation of Ontario Region 8</li> </ul>	Emails to consultation representatives regarding DWMF/NSS update meetings in Q1—seeking dates.	<ul style="list-style-type: none"> <li>Proposed topics:</li> <li>Used fuel storage at site related to DNNP.</li> <li>Disposition of L&amp;ILW</li> <li>Integrated Strategy on Radioactive Waste (NWMO)</li> </ul>	Final agenda topics to be determined with consultation reps.	N/A
January 10, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> </ul>	Two meetings. Cultural and Consultation staff engagement with Admin Bldg and Corp HR project teams.	<ul style="list-style-type: none"> <li>Cultural design inputs to buildings. E.g., water, trees motif; mound sculptures, medicine garden.</li> </ul>	Follow-up meeting in Hiawatha FN in Feb/24.	Important to accommodate smudging as a must-have in both buildings.
January 18, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Meeting regarding three permits in support of LTC.	<ul style="list-style-type: none"> <li>ESA (Endangered Species Act) Permit</li> <li>PTTW (Permit to Take Water) Overall DNNP</li> <li>Stormwater Management ECA (Environmental Compliance Approval) Amendment</li> </ul>	<p>Nation recommended OPG consider 'maximal impacts' to cover various permits holistically vs silo of consideration per permit.</p> <p>Include cultural keystone species in studies, not just ones from ESA list.</p> <p>Nation expect to be kept up to date on OPG's climate change plans for the SMR and methodologies of studies.</p>	<p>ESA: Updated engagement plan will be shared for review with Nation.</p> <p>Hydro One corridors and restoration—separate meeting on this between H1, OPG and Nation. Map need to update corridor.</p> <p>Meeting with CLOCA on habitat, etc., to be scheduled.</p> <p>Meeting on bank swallows habitat and nesting and bat foraging/roosting on adjacent lands recommended.</p> <p>PTTW: Question on where water flow goes answered: monitoring plans to include quality and treatment plan (if required). Discharge plan will be shared.</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>While radiological contamination in water has not been detected, Nation expect this monitoring will be ongoing.</p> <p>Although no livestock contamination have been detected, Nation OPG will monitor for possible pathways of contaminants over time.</p> <p>Stormwater Management: Management systems to be reviewed for performance and maintenance, including natural features such as swales.</p> <p>OPG confirmed that the CCW was designed with the potential for all 4 reactors in mind.</p> <p>Nation would like to know if alternative locations for CCW were considered and the plans to respond to a failure in the system.</p> <p>Overall: protocol needed to ensure contractors engage with OPG on IR aspects of project/permits vs Nation directly.</p>
January 30, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Virtual meeting.	<ul style="list-style-type: none"> <li>DNNP</li> <li>PNGS Refurb</li> </ul>	Introductory call, new nuclear consultation co-ordinator for MNO.	Discuss aimed at setting meeting in Q1 with MNO nuclear co-ordinator and regional consultation committee.
January 31, 2024	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>	Virtual meeting.	<ul style="list-style-type: none"> <li>Draft Capacity Agreement discussion.</li> </ul>	Series of meetings to finalize financial capacity for Alderville First Nation.	Upon conclusion of this agreement, all four Mississauga WTFN members will have agreements in place.
February 14, 2024	<ul style="list-style-type: none"> <li>Chippewas of Rama First Nation</li> </ul>	In-person introductory meeting.	<ul style="list-style-type: none"> <li>OPG Overview</li> <li>DNNP Update</li> <li>PNGS Refurb/Decommissioning</li> <li>Nuclear Sustainability Services (waste)</li> <li>DNGS Tour</li> </ul>	Request for information on DNGS 30-year license and PNGS Indigenous engagement plan; previously sent but staff change at Rama FN has impacted response time. (Sent again this date.)	<p>Discussion on disposition of waste (on-site and transported); how 10-year water cooling for used fuel was determined.</p> <p>Supply Chain categories for Indigenous business; OPG to provide this information and set up possible meeting.</p> <p>2009 EA and its relation to 2018 WTFN Settlement and current environmental standards (to be addressed via planned Indigenous Knowledge Study).</p> <p>Interest in potential sites for new nuclear development and DGR for waste.</p>
February 15, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	WTFN meeting regarding two permits and introductory in support of LTC and meeting for engagement required for Pickering Nuclear Generating	<ul style="list-style-type: none"> <li>CCW System</li> <li>Shoreline Protection</li> <li>Thermal Effects Assessment</li> <li>Non-Thermal Effects</li> <li>Offsetting</li> </ul>	Recommended by 4 Directions that PNGS include Regional Water Source Protection among Ministries/agencies for permits and notifications.	<p>CCW: Nations asked to see permits for this and they will be provided in Q2.</p> <p>A meeting to review the marine archaeological reports was requested and will be set up in March.</p>



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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
		Station (decommissioning and refurbishment, first steps)	<ul style="list-style-type: none"> <li>PNGS</li> </ul>	Concerns private well water, livestock water, etc.	<p>Question re: temperature of water once defused; 2 degrees higher vs 10 of DNGS, smaller overall plume. Nations to receive Receiving Water and Thermal effects reports.</p> <p>Shoreline Protection: concerns expressed re: armourstone revetment and impacts to habitat and food web, e.g., temperature increases. Offsetting needed on lake local to area to replenish species versus financial compensation. Planned restoration meetings and Indigenous Knowledge Study will inform actions.</p> <p>Thermal Effects Assessment: Plankton and invertebrate to be included in study.</p> <p>Question regarding climate change data being used: OPG data on Great Lakes to 2100 AD being used in modelling.</p> <p>Non-Thermal Effects Assessment: Study re: fish entrainment and impingements and how to reduce these impacts. Impacts to Aboriginal and treaty rights need to be part of this, e.g., offsets may need to be more than 1:1. 4 Directions has concepts re: enhanced monitoring over a 7-to-10-year period.</p> <p>Offsetting: Initial discussion to set expectations, subject to be discussed in more depth at February 22 meeting. Need to understand zone of impact and how Knowledge Study will inform offsetting plan.</p> <p>PNGS: overview of plan new deep-water intake to reduce fish impingement and entrainment, permits and notifications required.</p>
February 16, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Endangered Species Act Permitting (ESA) – Site Preparation Phase of DNNP Units 2-4</li> </ul>	<p>The DNNP team received comments and feedback from MIFN regarding the Esa Permit to support DNNP Units 2-4</p> <p>Comments and feedback has been dispositioned and a response sent by the DNNP team on February 23<sup>rd</sup>/2024</p>	
February 16, 2024	<ul style="list-style-type: none"> <li>4 Directions Consultants (Curve Lake/Hiawatha First Nations)</li> </ul>	eDNA sampling, Butternut tree.	<ul style="list-style-type: none"> <li>N/A</li> </ul>		N/A
February 22, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	WTFN Monthly Meeting in support of LTC.	<ul style="list-style-type: none"> <li>Action Items Review, Jan 18 &amp; Feb 15</li> <li>2024 Roadmap</li> <li>Quarterly Restoration meetings</li> </ul>	There was also discussion re: impacts to roosting and foraging habitat: OPG needs to replace habitat as it clears and avoid long gaps in taking	<p>Action Items. Reviewed and updated. Several in process. Marine Archaeological review tentatively set for March 13.</p> <p>2024 Road Map: Consensus was that the roadmap is a good structure. The Indigenous Knowledge Study (IKS) is a part of this,</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			<ul style="list-style-type: none"> <li>Permits</li> <li>Environmental Risk Assessment (ERA)</li> </ul>	<p>action for the birds and bats affected.</p> <p>Two butternut trees at Site will be stored for pick up and use by CLFN and HFN.</p>	<p>and the nations will meet to discuss best approach among themselves and report back to OPG. Desire to see where all OPG assets are in WTFN treaty/traditional lands. CLFN and MSIFN have in-house IKS knowledge which can be utilized.</p> <p>Restoration: Meetings planned in April, July and Oct. Effort will be to meeting in the communities for these.</p> <p>Permits: Status discussed. WTFN to review high priority vs low and determine attention required to low items.</p> <p>ERA: The SMR development has accelerated this 5 year process. Process began in Jan/24 and WTFN has an opportunity to participate. To date studies have indicated negligible radiological released to the environment. Role of receptors discussed: OPG open to adding valued ecological components based on WTFN feedback. There may also be a tie between the ERA and the planned IKS.</p>
February 23, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Endangered Species Act Permitting (ESA) – Site Preparation Phase of DNNP Units 2-4</li> </ul>	<p>The DNNP team received comments and feedback from MIFN regarding the Esa Permit to support DNNP Units 2-4</p> <p>Comments and feedback has been dispositioned and a response sent by the DNNP team via email on February 23<sup>rd</sup>/2024</p>	N/A
February 23, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Specific Environmental Management Plan (Site Preparation for Units 2-4)</li> </ul>	<p>Email correspondence sent to the Michi Saagiig First Nations of the WTFN providing the Site Specific Environmental Management Plan (For DNNP Site Prep of units 2-4)</p> <p>Requested a First Nations review and to submit comments and feedback if appropriate or desired</p>	N/A
March 1, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Species at Risk (SAR) Management Plan</li> </ul>	<p>Email from MSIFN with review of draft SAR Management Plan. Topics noted included but not limited to:</p> <ul style="list-style-type: none"> <li>-soil pile impacts to SAR such as bank swallows;</li> </ul>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				-plans to update living document; -suitability, viability of constructed wetlands planned for site; -invasive species management plan.	
March 5, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Endangered Species Act Permitting (ESA) – Site Preparation Phase of DNNP Units 2-4</li> <li>Permit to Take Water</li> <li>Site Stormwater Management</li> </ul>	<p>Email received by DNNP from HFN/4Directions with concerns, questions related to the three subjects, which included but were not limited to:</p> <p>ESA -restoration of bat habitat simultaneous to ground prep activities; optimal roosting alternative for bars; noise monitoring; impacts to insects; incorporation of ceremony in work.</p> <p>PTT -monitoring of water quality during discharge -notification of contamination if present; -low water data from MNR should be incorporated into permit; -other PTTs on same watershed?</p> <p>SWM -plans to deal with invasive species resulting from plans; -low impact development designs preferred; -reporting regime for SWM.</p>	
March 13, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Requested meeting re: marine archaeology update at DNNP site connected to LTC.	<ul style="list-style-type: none"> <li>Any new Indigenous artifact findings</li> <li>Chance finds protocol</li> </ul>		Requested for a summary document based on previous reports and key actions taken and any work outstanding. To be illustrated with news maps.

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>		<ul style="list-style-type: none"> <li>Use of tunnels vs pipes for cooling</li> <li>Report submission status to MECP</li> <li>Soil disturbance at point of entry for cooling (from shore)</li> </ul>		
March 13, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Quarterly meeting with MNO 8 Representatives, LTC subject matter.	<ul style="list-style-type: none"> <li>Review of EIS Hearing Intervention topics plus NSS overview:</li> <li>Status of Sites 1, 2, 3, 4</li> <li>Archaeological protocol</li> <li>Supporting docs re: environmental impacts to ponds, wetland, fish</li> <li>Update on bank swallows</li> <li>Climate change planning and SMR development</li> <li>EA vs EIS socio-economic finding, e.g., less procurement and workforce</li> <li>NSS overview.</li> </ul>	<p>Follow-Up Actions: OPG to arrange a call with MNO 8 staff to discuss monitoring schedule and opportunities.</p> <p>The above call to also provide update regarding Provincial vs Federal EAs at the site.</p>	<p>Status of Sites 1, 2, 3, 4: Question regarding the clearing of trees, plants and overall habitat. As part of the Endanger Species Act permit from the provincial Ministry of the Environment, OPG is obligated to mitigate and offset intrusive work which may disturb the natural environment, i.e., Beneficial Action Areas. Restorative plans are still formulated.</p> <p>Related question concerning heritage features on and off the Darlington site. OPG explained that there are several wildlife corridors to promote the movement of species, e.g., bats, and a long-term enhancement plan is also being formulated.</p> <p>Archaeological protocol: OPG and its vendors operate a chance find protocol with key training for supervisory staff. In the event an Indigenous artifact is uncovered, work will cease in that area to assess the find. Should the artifact be Indigenous, local Indigenous communities will be notified and the provincial archaeological protocols will be followed. OPG will work with Indigenous community monitors as circumstances dictate.</p> <p>Supporting documents re: environmental impacts to ponds, wetland, fish: Supporting documents on this subject was emailed to MNO 8 on December 15, 2023. MNO 8 expressed an interest in OPG's current monitoring regime, which is continuous to ensure radiological safety and the integrity of the natural environment. An annual report is also posted on the OPG website. MNO 8 expressed interest in monitoring as well.</p> <p>Update on bank swallows: Original DNNP plan was for four large reactors which would have impacted the bluffs used as habitat by the bank swallows. In response OPG has been testing an artificial structure to mimic the habitat used by bank swallows. Currently the testing is in year 3 of 7 and the data so far is favorable. The SMR development presents a smaller footprint which should avoid direct impacts to</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>the bluffs. Planning will continue to be prepared to accommodate the species should it become necessary.</p> <p>Drainage and climate change planning for SMR development: It was noted that the smaller SMR footprint is beneficial regarding site drainage, the amount of which will be less than originally planned. MNO 8 asked about effluent and OPG explained that the SMR unit is designed to emit zero effluent. Excess water from the site would be returned to Lake Ontario and will not be treated chemically to avoid trace contaminants. The cooling system was also discussed and it was clarified that while lake water will cool the SMR, the water will not be radioactive. A question was raised about any pollutants from the SMR being introduced into the lake and an example from Darlington came up; occasionally Styrofoam balls used to clean the pipes in place of chemical can flow into the lake, though OPG does look to collect such samples.</p> <p>Climate change planning is based on past date specific to the area of the SMR and future projects based on third-party scientific data. Factors such as temperature and rainfall are factored into a robust, long-term plan spanning decades. OPG's planning is centered around operating the SMR in a variety of scenarios safely and this planning is true of all OPG assets.</p> <p>EA vs EIS socio-economic finding, e.g., less procurement and workforce: It was noted that the original EA was written with Darlington B in mind, i.e., 4 large reactors, while the EIS envisioned a single SMR. However, now that OPG is planning on four SMRs, the gap between the two will decrease. There will in fact be robust requirements material procurement and workforce during the construction phase, while the operational staff of the final reactors will be less than a Darlington A. As always, OPG is pleased to discuss its Indigenous procurement and staff initiatives with MNO 8 and the other Regions.</p> <p>NSS overview: A question was raised by MNO 8 to clarify numbers discussed in the presentation: 112 containers of waste are projected from 4 SMR units over a period of 60 years. Also, the location of storage units will not be proximate to existing or restored habitat areas. The used fuel will be stored on site until such a time as a deep geological repository (DGR) is approved. This work is being undertaken by the Nuclear Waste Management Organization, which has undertaken a host community siting process; Indigenous Nations and Communities are included in this process. Overall, OPG will be working to</p>

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					<p>reduce the amount of nuclear waste it produces based on proven practices undertaken at the Western Waste Site.</p> <p>Radiological properties in the air, soil and water from the SMR were raised as a concern by MNO 8; OPG monitors these factors and others (e.g., food sampling) on a continuous basis to ensure safety for the environment and public.</p>
March 18, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Engagement re: Indigenous design elements for planned SMR admin building.	<ul style="list-style-type: none"> <li>Meeting in Nation re: appropriate incorporation of Mississauga specific cultural attributes to building design and landscape architecture.</li> </ul>		
March 18, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Phase 1 Climate Change Risk Assessment connected to LTC.	<ul style="list-style-type: none"> <li>Email</li> </ul>	Request that Nations review/comment on draft for May 31/2024.	N/A
March 21, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly permits meeting in support of LTC.	<ul style="list-style-type: none"> <li>ECA (Environmental Compliance Approval) Application for DNNP Soil Containment Structure SWM Pond/Holt Road Widening.</li> <li>MNRF Work Permit - In-Water Works for Borehole Drilling/Geotechnical investigate work for the CCW Loop Tunnel.</li> <li>Indigenous Knowledge Study (IKS) status</li> </ul>		<p>ECA: Quantify 4 million sq m pile: larger than a football field and 30 m high. End of additions to piled in 2025. Plants species to help with low level contaminants recommended by WTFN re: seeding. Indigenous contractor assisting with native species selection.</p> <p>Water quality monitored? Yes. Not a drinking source.</p> <p>Soil was pretested before movement re contaminants.</p> <p>To share monitoring plan with WTFN. ESA required. Soils pile area will not cross over to beneficial action areas.</p> <p>MNRF work permit, bore holes: third-part review document shared again, comments still possible from WTFN. Work planned for mid-2025.</p> <p>Crown land purchase with MNRF subject to review by WTFN re: 2018 settlement and rights. Meeting to engage on this topic in April.</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>IKS: WTFN to meet on own April 2<sup>nd</sup> to discuss 5 year framework and budget, use of independent consultant, access to additional CNSC funds.</p> <p>Consider 2009 EA standards compared to 2024 and measures to address for augmented environmental monitoring.</p>
March 21, 2024	<ul style="list-style-type: none"> <li>Indigenous Business Developers</li> </ul>	Quarterly in-person meeting.	<ul style="list-style-type: none"> <li>Tour of DNGS facilitated by DNNP IR PMT.</li> </ul>	The Indigenous Business Developers, based across Canada, assist OPG in referring and vetting Indigenous owned/ operated businesses to assist in meeting OPG's Supply Chains goals re: RAP.	N/A
March 25, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Shoreline Protection</li> </ul>	Email from MSIFN indicating the need for a third-party to review OPG's Shoreline Protection plan (70%).	
March 27, 2024	<ul style="list-style-type: none"> <li>Georgina Island First Nation</li> </ul>	Trades career fair.	<ul style="list-style-type: none"> <li>Promotion of ION program.</li> </ul>	Focus on Indigenous youth.	
March 27, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Permit to Take Water</li> </ul>	The DNNP team, with assistance by WSP, provided dispositions to HFN's comments on the Permit to Take Water.	
March 28, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Regular monthly meeting, LTC subject matter.	<ul style="list-style-type: none"> <li>Action List Review</li> <li>Environmental Updates</li> <li>Shoreline Protection</li> <li>DNNP Climate Change Assessment Report (Phase 2)</li> </ul>	<p>For predictive risk assessment, WTFN advised OPG to contact Great Lakes Steelhead Assoc. for insight on fish receptors.</p> <p>WTFN advised OPG to contact MNR and other provincial bodies re: armourstone and possible increases in water temperature.</p>	<p>Action List Review: list to be amended between long-term/standing items and shorter term items. Will be a regular feature of monthly meetings.</p> <p>Environmental Updates, Environmental Predictive Risk Assessment for DNNP: Discussion regarding Indigenous lens and receptors (people) currently missing from process. WTFN believes this topic should be reviewed by experts in field versus the reps in meetings. Overall a profile for a person who works at the site, lives approximate and harvests in area would be ideal.</p> <p>Environmental Monitoring Plan: Noted by WTFN that not all relevant information was shared in time. Also that while municipal and provincial input was included there was none from WTFN. Overall, WTFN stressed that overall scope of work needs to be shared vs a piecemeal approach. Enviro team to regroup and respond to the items identified by WTFN.</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>Shoreline Protection Report: update on status based on what was previously shared and what is upcoming. Future information packages in October but updates to be ongoing. Question on modelling used: longshore transport modelling for armourstone revetment. A peer review contact within OPG was requested.</p> <p>Climate Change Assessment: WTFN feedback received and incorporated to draft. Submission to CNSC will be delayed to May to accommodate additional WTFN content. Update discussion in April. Scugog Island noted workload re: Pickering intervention. Additional time possible and input can be ongoing after CNSC submission.</p>
April 2, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Climate Change Risk Assessment/Treatment Phase 1</li> </ul>	Responses were sent from the DNNP team to MSIFN regarding comments/feedback submitted on the Phase 1 DNNP Climate Change Risk Assessment/Treatment Report	
April 3, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Mapping</li> </ul>	<p>An email request from MSIFN for updated site mapping to aid in reviews of current DNNP materials;</p> <p>The DNNP team replied the same day providing updated mapping.</p>	
April 4, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Climate Change Risk Assessment/Treatment Phase 2</li> </ul>	<p>Email from MSIFN, comments, questions on Phase 2 document, e.g.,</p> <ul style="list-style-type: none"> <li>-rationale as to why only unit 1 considered, all potential SMRs on site should be considered;</li> <li>-consider edits to Phase 1 based on MSIFN inputs;</li> <li>-OPG should consider use of Intergovernmental Panel of Climate Change (IPCC) and municipal Partners for Climate Change (PCC) to obtain and deploy most current climate change information;</li> <li>-more detail on risk monitoring plans;</li> <li>-methodology on wind and lake level increases.</li> </ul>	



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April 4, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Endangered Species Act Permitting (ESA) – Site Preparation Phase of DNNP Units 2-4</li> <li>Stormwater Management</li> </ul>	The DNNP team provided dispositions to HFN's comments on the Endangered Species Act (ESA) Permit to support Site Preparation for Units 2-4; as well the project provided dispositions to comments submitted by HFN on the DNNP Site Stormwater Management Plan	
April 8, 2024	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>	Signed capacity agreement received and acknowledged.	<ul style="list-style-type: none"> <li>OPG to review and execute with DNNP executive signature—pending.</li> </ul>	N/A	N/A
April 11, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Follow-up meeting from March 13 re: monitoring.	<ul style="list-style-type: none"> <li>Opportunity to visit the DNNP and/or DNNP site to review monitoring activities undertaken by OPG.</li> <li>Tour and presentation.</li> </ul>	<p>Site visit would be prelude to active participation in monitoring if so desired by MNO 8.</p> <p>MNO 8 to provide species of interest to them which may not be known to OPG.</p> <p>MNO 8 noted that it does not have rights at the site, but their citizens do have questions and concerns related to environmental protection.</p>	<p>Note that MNO election are May 6; meeting in June advised.</p> <p>Visitation to bank swallow model habitat at PNGS also of interest to MNO 8.</p>
April 16, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Email inquiring about 10-year nuclear overview at OPG.	<ul style="list-style-type: none"> <li>Request for an overall document or documents and/or presentation.</li> </ul>	Reply same date: OPG will work on a presentation and work with MNO 8 for a day/time.	
April 16, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Site Specific Environmental Management Plan</li> </ul>	<p>Email from MSIFN with review of draft plan. Topics noted included but not limited to:</p> <ul style="list-style-type: none"> <li>-health and safety methodology required from contractor;</li> <li>-regulatory approvals should be whole versus piecemeal;</li> <li>-use of dark approved lighting;</li> <li>-protection of wildlife at site and nesting sites;</li> <li>-water turbidity plans;</li> </ul>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				-air quality and dust monitoring; -stormwater drainage and mitigation of phosphorous leaving site; -notification of vegetation clearing and spill reporting.	
April 18, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly permit meeting in support of LTC.	<ul style="list-style-type: none"> <li>CCW/Shoreline Protection: permit planning review, scope and package to be shared; in-water work.</li> <li>DNNP site preparation updates</li> <li>Environmental updates</li> </ul>	<p>Environmental subjects discussed throughout meeting.</p> <p>Terms of Reference regarding shoreline work will require separate table out of regular meeting cycle.</p> <p>Volume of water use in intake and outflow (cubic meters squared) to be determined and shared with Nations; monitoring participation as well.</p> <p>WTFN reps expressed desire to receive plans as a whole vs piecemeal to better understand scope.</p> <p>WTFN reps requested legends on maps. Slides may not have room, to also send PDFs. Out of cycle mapping meeting.</p>	<p>CCW/Shoreline: Fisheries Act Authorization process and WTFN involvement. Noted that final plan will lessen habitat and species impact. Review time of package will be 90 days. WTFN emphasized that offsetting must occur proximate to site in line with DFO direction. Fisheries authorization linked to LTC being granted (assumes early 2025).</p> <p>DNNP site preparation updates: grubbing and clearing related to ESA to continue through calendar year. WTFN expressed concerns re: Beneficial Action Areas for all sites—how to protect from future development? Legal easement? To be researched. OPG made offer of a site visit to sites 2, 3, 4. Discussion on off-site mitigation areas to compliment BAAs; concept if using lands preferred by citizens for harvesting in line with 2018 settlement vs conservation areas. In future 3 permits required: ECA, CLOCA and DFO; to come forward in May/June 2024.</p>
April 18, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shoreline Restoration and Aquatic Assessments</li> <li>DNNP Shoreline Protection</li> </ul>	4 Directions on behalf of Hiawatha First Nations submitted a technical memorandum outlining HFN concerns, questions RE: Shoreline Restoration (DNNP Shoreline Protection) and Aquatic Assessment (Aquatic Existing Environment and aquatic Impacts), e.g., take into account ice covering impacted by climate change; -control of turbidity release;	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				-offsetting and restoration plans; -alternatives to rip rap and possible material contamination and sandy soils; -plans for vegetative cover; replacement ratios for trees and vegetative growth.	
April 25, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly meeting, LTC subject matter.	<ul style="list-style-type: none"> <li>Action Items Review</li> <li>DNNP Waste and LLW Initiative Update</li> <li>DNNP Climate Change Risk Analysis Phase 1 and Phase 2 Discussions (Daniel Cote)</li> <li>DNNP Environment Team Topics:               <ul style="list-style-type: none"> <li>-ESA Permit:</li> </ul> </li> <li>Beneficial Action Areas Planting Plans (Developed by CIPS)               <ul style="list-style-type: none"> <li></li> </ul> </li> </ul>		<p>Action Items: OPG to arrange tripartite meeting with CLOCA re: Beneficial Action Areas.</p> <p>Update on bank swallows from Beacon in May.</p> <p>WTFN requested updated, layered maps with legends from OPG re: site(s). Dewatering proposal forthcoming from OPG.</p> <p>Coastal flooding data requested by WTFN.</p> <p>Tripartite meeting required to discuss purchase of lakebed lands for CCW (Ontario).</p> <p>Inquiry whether MSIFN risk assessment complete yet.</p> <p>OPG to respond to MSIFN and 4 Directions SSEMP questions. Review IER for missing actions.</p> <p>DNNP Waste and LLW Initiative Update Question re: length of outage to refuel—30 days.</p> <p>MSIFN engaged in independent peer review though having difficulty finding non-conflicted SME.</p> <p>Construction of unit and climate change robustness. Will more than 115 DSC be needed and transportation of casks (not DSCs) to NWMO site.</p> <p>Waste and fuel to be stored on site until licensed off-sites determined; to WTFN the interim storage of waste was not clear in bounding documents; requires answer. Concerns that NWMO site is not yet approved; what is the alternative?</p> <p>DNNP Climate Change Risk Analysis Phase 1 and Phase 2</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>58 systems met climate change challenges, 19 did not—actions to amend these items.</p> <p>Will CNSC review and approve plans per risk (PMP); no but as part of the planning lifecycle WTFN will be consulted.</p> <p>Erosion affecting armourstone is a risk, e.g, what if side is exposed? How to fix?</p> <p>Is there a methodology on combined impacts? As new science is made available, it will be applied to updating the plans.</p> <p>Concern re: lake temperature threshold, direct impacts when unit in operation.</p> <p>Beneficial Action Areas Planting Plans (Developed by CIPS). Plan was previously discussed and updated based on WTFN input, e.g., bat box design, boxes for blue birds, monitoring of baths and bank swallows.</p> <p>Discussion on habitat creation areas. MSIFN tasked OPG as to whether a legal easement or other instrument can be used to prevent any industrial development of the BAAs.</p>
May 6, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Specific Environmental Management Plan (Site Prep for DNNP Units 2-4)</li> </ul>	Email from the DNNP team to MSIFN providing the project's disposition table to comments/feedback submitted by MSIFN	
May 6, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Beneficial Actions Area/Planting Plans</li> <li>EMEAF Plan</li> </ul>	<p>4 Directions on behalf of HFN submitted comments to OPG RE: Beneficial Action Area plans re: EMAEF.</p> <p>HFN review OPG's plans and identified a series of topics to be addressed. These included, but were not limited to:</p> <ul style="list-style-type: none"> <li>-management of algae hazards;</li> <li>-minimum thresholds on various subjects, e.g., silt and sediment transportation;</li> </ul>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				-updated bird diversity and density as per improved temporal monitoring; -impact of noise pollution; -bank swallow alternative habitat update; -near-shore fish sampling sites; -bat survey data; -planned use of Native grasses and wildflowers in planting plan.	
May 6, 2024	<ul style="list-style-type: none"> <li>Chippewas of Rama First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Invitation to present at Chief and Council meeting in July on Indigenous Engagement for Pickering and Y-90 Isotope.</li> </ul>	Accepted invitation; to confirm details, date.	N/A
May 7, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Regio 8</li> </ul>	Email	<ul style="list-style-type: none"> <li>Advisement of MNO 8 election results.</li> <li>Request for 10-year overview of Nuclear presentation, all sites, in June 2024.</li> </ul>	OPG advised internal team to meet and confirm date.	N/A
May 7, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Emails	<ul style="list-style-type: none"> <li>Regarding OPG approval of amended or new Contribution Agreements.</li> </ul>	Nations to review/respond.	N/A
May 9, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> <li>Chippewas of Rama First Nation</li> <li>Chippewas of Georgina Island First Nation</li> <li>Chippewas of Beausoleil</li> </ul>	LTC-related email.	<ul style="list-style-type: none"> <li>DNNP CCW and Shoreline Protection Description &amp; Engagement and Consultation Opportunities.</li> </ul>	Required notification as per DFO, CNSC.	Issues to be discussed during regularly scheduled meetings.
May 9, 2024	<ul style="list-style-type: none"> <li>Mohawks of the Bay of Quinte</li> </ul>	LTC-related email.	<ul style="list-style-type: none"> <li>DNNP CCW and Shoreline Protection Description &amp; Engagement and</li> </ul>	Required notification as per DFO, CNSC.	Issues to be discussed during regularly scheduled meetings.

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			Consultation Opportunities.		
May 9, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	LTC-related email.	<ul style="list-style-type: none"> <li>DNNP CCW and Shoreline Protection Description &amp; Engagement and Consultation Opportunities.</li> </ul>	Required notification as per DFO, CNSC.	Issues to be discussed during regularly scheduled meetings.
May 16, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Permit meeting in support of LTC.	<ul style="list-style-type: none"> <li>Stormwater Management (ECA Amendment)</li> <li>Dock Dredging</li> <li>Aquatic Offsetting Primer</li> </ul>	WTFN representatives communicated that OPG needs to consistently provide materials in draft for comment/disposition and potential use by OPG before finalization.	<p>Stormwater Management OPG shared design plans for Areas 16A and B re: construction purposes. Design is in exceedance of requirements.</p> <p>The SWM reports is being drafted and WTFN reps asked for a copy to review before it is accepted. The original report was previously shared.</p> <p>Dock Dredging to facilitate off-loading of DNNP components (non radiological).</p> <p>Timeline was shared for DFO approval in summer 2024 with work slated for fall 2024. WTFN reps expressed concern that previous study of site for benthic and related species might not be current and recommended a new survey. It was relayed that there are no SAR in harbour area, though again WTFN is seeking confirmation.</p> <p>Approvals for work required from DFO, MNRF and CLOCA and will be sought simultaneously.</p> <p>WTFN requested DFO contacts (provided) and existing guidelines. If new survey is done it will take a month to turn around though the reports are succinct re: pages to review. There was discussion on the methodology OPG was employing for its dredging plans.</p> <p>Aquatic Offsetting Primer A presentation was provided regarding offsetting option as per DFO regulations. Offsetting examples, target species and pros/cons were discussed.</p> <p>Key offsetting examples shared included stream rehabilitation, habitat islands /breakwaters, and wetland creating. It is possible that all three could be brought into play.</p>

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					<p>It was recommended that OPG cover DNGS and PNGS offsets are the same time. Consider us of HQ wetlands in Oshawa and other area OPG owns or can access. It was noted that habitat island and breakwaters would help promote a more naturalistic approach to planned shoreline protection. DFO monitoring is typically and 5 and 10 years, though can be longer; WTFN interested in such monitoring.</p> <p>It was agreed that there would be a collaborative session on June 11<sup>th</sup> to discuss aquatic offsets, possibly terrestrial offsets and off-site restoration.</p>
May 18, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation.</li> </ul>	OPG representation at Pow Wow.	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A	Offered information on DNNP and the ION program.
May 23, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	OPG representation at trades-focused career fair re: ION program, Advanced Inspection and Maintenance, Radiation Protection.	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A	OPG assisted in organization and funding of event.
May 23, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly meeting, LTC subject matter.	<ul style="list-style-type: none"> <li>DNNP Environmental Topics</li> <li>EMEAF Monitoring 2024 Schedule</li> <li>Rev. 2 EMEAF Plan</li> <li>DNNP ERA: Ecological Receptors</li> <li>CIPS BAA Planting Plans</li> <li>Bat Boxes</li> <li>Bank Swallows: Artificial Bank Swallow Structure</li> <li>Butternut &amp; Maple Trees Onsite at DNNP</li> <li>DNNP/WTFN Actions Tracker Review</li> <li>Indigenous Knowledge Study Update</li> </ul>	Primarily virtually attended by participants, no CLFN Consultation Staff representation (CLFN represented by 4D in the meeting)	<p>Action Items:</p> <p>OPG to connect with MSIFN offline to discuss the status of the IKS further</p> <p>OPG to provide WTFNs update on status of additional groundwater monitoring</p> <p>OPG to schedule interim waste storage focused meetings with the FNs</p> <p>Provide 4Directions/HFN with the Indigenous Engagement Report logs that were reviewed by Kenn (IR)</p> <p>confirm with Climate Change Risk Team on the understanding and process with CNSC for submitting FN feedback on Phase Reports</p> <p>OPG to provide the WTFNs with a memo detailing the DFO and DNNP's decision regarding benthic invertebrate surveying.</p> <p>4Directions/HFN requested that all maps that are shared include written/detailed legends</p> <p>Revisit DNNP ERA and DNNP EMEAF Rev. 002 Plan for further discussion at subsequent DNNP/WTFN meeting(s)</p>

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					<p>MSIFN requested that OPG provide rationale for decision to not pursue seed collection on site; this is an accepted practice, not an unusual recommendation</p> <p>Indigenous Knowledge Study update:</p> <p>Progress dependant on execution of project agreement; OPG has drafted and currently under review; Ideal to have the IKS imbedded in the project agreement; Discussions with FN leadership are progressing; focus on the governance of the study and how it will be executed; Current understanding is that MSIFN will utilize Framework Agreement and Capacity Funding Agreement budgets to progress</p> <p>OPG to ensure that the MOE Delegation Letter included the MECP (internal alignment); in 2022 the project assumed MOE delegation included MECP scope; this needs to be clarified as the FNs feel it is appropriate for each regulator/ministry to provide individual delegation letters Further – RE: the CIPS BAA Planting Plans, the Nations are looking to actively participate and collaborate during the planning phases, not a “review and approve” process (as has been relied upon in the past)</p> <p>OPG proposed to host a DNNP site tour this summer; also having site updates line item at each meeting (inclusive of up to date images of the site) OPG proposing to hold dedicated meetings to discuss DNNP and interim waste storage; looking to schedule outside of the regular rotation of permitting and monthly DNNP meetings</p> <p>HFN requested to receive the Indigenous Engagement Reports that have been submitted to the CNSC (public documents) that were reviewed by OPG IR.</p> <p>MSIFN requested for clarification and alignment on the understanding of the process for submitting the Climate Change Risk Assessment Phase reports to the CNSC and receiving/incorporating MSIFN feedback;</p> <p>RE: Dock Dredging and the DFO – a meeting occurred between DNNP and DFO to discuss benthic invertebrate surveying; DFO determined that Benthic surveying is not required for the DNGS dock area (proposed area for Dock Dredging works);</p>



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					<p>HFN: FNs are at a disadvantage when the project has conversations with regulators and no alignment with the Nations occurs; obvious differing perspectives on what needs to be done; crucial to provide written confirmation of decisions made outside of engagements with the Nations</p> <p>DNNP Environment Updates: EMEAF Plan was drafted around 2013; a new version was drafted in 2021 (EMEAF Rev.000); EMEAF Rev.001 issued in 2022; EMEAF Rev.002 in 2023; WTFN Feedback informed the drafting of Rev.002; the field monitoring schedule has been shared for 2024</p> <p>MSIFN reiterated the potential inclusion of a human receptor group that reflects being an employee at OPG + FN(INDIG) Person + Harvester/Gatherer + Male/Female/Other Identified Gender group; OPG stated that this previous feedback has been received, and the team is working on how best to characterize this type of receptor group MSIFN noted that the IKS has not been completed, therefore it will not inform this ERA process, will not inform decisions on selected receptor groups; this should be noted in the report; qualify that the IKS did not inform decisions made for the DNNP Predictive ERA; noted that minimal input was provided by the WTFN Nations in 2009; and that the Fed. &amp; Prov. Govt's, and OPG may have wrongly interpreted WTFN rights during the original EA process (2009); this impacts the validity of information gathered and determinations made prior to 2018 (WTFN Settlement Agreement)</p> <p>CIPS Habitat Creation Plans (BAAs for Unit 1): Initial planting plans were developed alongside the preparation of ESA Permit #1 (To support site preparation for Unit 1) in early 2023; requested feedback from the Nations; received feedback from MSIFN, HFN and CLFN The DNNP is in the process of responding to 4 Directions (HFN) comments; HFN requests to see the plans for bluebird boxes, referencing potential impacts to other species in the area</p> <p>MSIFN: why were sugar maples not included in the list if species to be planted? WTFNs: sugar maples are protected under the Gunshot Treaty, Treaty 20 and other pre-confederation agreements &amp; Treaties; therefore, impacts and compensation require consultation with the WTFNs</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>MSIFN: did OPG perform seed collection of species onsite (prior to removal)? Response: clearing/grubbing was scheduled for winter 2024, it was determined to be unfeasible to perform seed collection; the DNNP has committed to locally sourcing seed mixes to ensure proximate procurement and integrity in the planting plans</p> <p>Fixed Face Earthen Embankment – Artificial Bank Swallow Structure at PNGS Constructed in 2021; Bank swallows have returned for 2024; this structure is <u>not</u> mitigation for DNNP impacts; DNNP continues to plan work in a way which will avoid removal of the natural bank swallow habitat; WTFNs: how is the current FFEE (Test Structure) being protected? Does this support future potential compensation? The structure was developed in partnership with MECP; protected under a Safe Harbour Stewardship Agreement under the ESA OPG: The DNNP is currently preparing the ESA application for construction, there are <u>no</u> planned impact/removal of bank swallow habitat</p>
May 27, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Meeting with MSIFN to Discuss DNNP Shoreline Protection 3 <sup>rd</sup> Party Review TOR	<ul style="list-style-type: none"> <li>DNNP Shoreline Protection</li> </ul>	MSIFN has contracted a vendor to perform an independent review of the DNNP Shoreline Protection designs; meeting was to introduce everyone, align on collaboration for a TOR and scope, answer any questions that MSIFN and their contractor had on the DNNP Shoreline Protection designs; follow-up meeting scheduled for June 2024	
May 29, 2024	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>2024 DNNP Capacity Funding Agreement</li> </ul>	Email distribution of the final signed capacity funding agreement with OPG for the DNNP; AFN received a copy with AFN and OPG leadership signatures.	
May 29, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Climate Change Risk Assessment/Treatment Phase 2</li> </ul>	The DNNP team provided the project's disposition to MSIFN comments and feedback provided on the Phase 2 Climate Change Risk Assessment/Treatment Report	

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May 30, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Harvested Butternut Trees on DNNP Site</li> </ul>	Email correspondence was sent to representatives at HFN and MSIFN inquiring RE: interest and feasibility for HFN and MSIFN to pick up/receive the safe stated butternut tree logs that are currently stored at DNNP site.	
May 31, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email: CNSC Climate Change Phase 1 & 2	<ul style="list-style-type: none"> <li>Disposition of questions, concerns issues re: DNNP climate change planning and LTC.</li> </ul>		
June 4, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Meeting to discuss the upcoming June 11 <sup>th</sup> DNNP Offsetting & Restoration Workshop Agenda	<ul style="list-style-type: none"> <li>DNNP Aquatic and Terrestrial Offsetting and Restoration</li> </ul>	N/A	Meeting held to align on an agenda, and other meeting details to prepare for the planned June 11th workshop.
June 5, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email: DNNP Site Specific Environmental Management Plan (SSEMP)	<ul style="list-style-type: none"> <li>Disposition of questions, concerns issues re: SSEMP and LTC.</li> </ul>	N/A	Disposition table provided by OPG.
June 5, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Email: Benthic Survey question from WTFN.	<ul style="list-style-type: none"> <li>Response to WTFN query about the need for a benthic survey ahead of proposed dredging work at Darlington peer.</li> </ul>	N/A	Based on a meeting with DFO on May 22/24, confirmed that a benthic survey is not required before undertaking dredging work.
June 4, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Meeting to collaboratively develop agenda for June 11 DNNP Aquatic and Terrestrial Offsetting & Restoration Workshop.	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A	Meeting held to align on an agenda, and other meeting details to prepare for the planned June 11th workshop.
June 6, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Email: Request Mississauga WTFN review of the DNNP DFO RFR: Construction Phase In-Water Works (CCW/Shoreline Protection)	<ul style="list-style-type: none"> <li>DNNP, CCW, Shoreline Protection, Federal/Provincial Permitting</li> </ul>	N/A	Requested a review of the DNNP's drafted Request for Review to the DFO RE: DNNP Construction Phase In-Water works (CCW Intake, CCW Diffuser, Shoreline Protection).
June 10, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Check-in meeting with staff.	<ul style="list-style-type: none"> <li>Planned environmental monitoring site visit to</li> </ul>	N/A	N/A

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June 10, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Meeting with MNO8 to discuss OPG 10-year Nuclear Outlook	<ul style="list-style-type: none"> <li>DNNP, DNGS, PNGS, NSS-D</li> </ul>	N/A	<p>DNNP in Sept/Oct 2024.</p> <p>PNGS: Safe Storage and Refurbishments plans, discussion on bank swallow test facility. There was discussion on the later topics regarding the 7-year test cycle and what happens afterwards; where will the birds go if the structure comes down? OPG committed to inform MNO 8 of plans once known.</p> <p>DNGS: The 30-year license application was discussed and the draft Indigenous Engagement Plan. MNO 8 wanted to clarify which communities would be engaged and be inclusive of MNO 8. This information was provided. Regarding refurbishment at DNGS, MNO 8 sought clarity regarding testing of components and future safe operations, role of CNSC. OPG was asked to provide waste volumes associated with DNGS post refurbishment over the next 35 year.</p> <p>The environmental monitoring programs at the nuclear sites was discussed and a future site visit by MNO 8 in the fall was noted. A question arose on how collected data from the surrounding area might be linked back to lifestyles of those providing the data; currently this is not done as the data is more general regarding age, water and food intake types, and outdoor activities/work. Radiation exposure information was shared with MNO 8 noting the low dosage to people and the environment proximate to the nuclear sites. This was to ensure MNO 8 cases of radiation sickness is not present.</p> <p>DNNP: An overview and update was provided. MNO wanted to know if the technology for the BWRX 300 was new. While the reactor for the SMR is first of a kind, the technological basis is well-proven with over 30 similar reactors operational in the United States. During the presentation the pan-Canadian approach to nuclear came up and MNO 8 asked for a clarification; MoUs with utilities in Saskatchewan and Alberta were noted where SMRs could be part of the energy mix for these provinces.</p> <p>NSS-D: MNO 8 asked for a definition of decommissioning and how waste will be dispositioned on site until NWMO facility is operational. MNO 8 was encouraged to consider a site visit to the DWMF to inform their understanding of waste storage and handling.</p>

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					Isotopes and their production were also discussed, such as Y-90 which MNO 8 has notified about. A future presentation on isotope activities as a while by NSS-D was tabled for future consideration.
June 10, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	OPG draft CMD document for CNSC.	<ul style="list-style-type: none"> <li>Draft CMD shared with Nations for review/comment.</li> </ul>	N/A	Feedback requested for June 18, 2024.
June 10, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Meeting, all Nuclear projects over 10 years.	<ul style="list-style-type: none"> <li>As part of the presentation, isotopes were discussed.</li> </ul>	MNO 8 may be interested in an overall isotope presentation, date TBD, possibly tied to a site visit of DWMF.	N/A
June 11, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	DNNP Aquatic and Terrestrial Offsetting & Restoration Workshop	<ul style="list-style-type: none"> <li>Multiple maps were generated and shared by OPG, CLOCA and Atkins Realis for WTFN review as the subject matter progresses.</li> </ul>	<p>The workshop took place in MSIFN community to begin collaborative planning for DNNP offsetting and restoration work. The agenda began with a teaching and water ceremony by Elder Kathy McLeod Beaver from Alderville First Nation.</p> <p>OPG collected numerous action items, which will be followed up.</p>	<p><b>CLOCA Compensation Plan (Atkins Realis)</b></p> <p>Ecological Restoration approach to compensation to improve existing vegetation through a variety of activities. Important to define impacts/areas for compensation, establish restoration targets, refine restoration template. Emphasis on native species consistent with the watershed. Overall there is a concept plan which will need to be refined into a detailed plan.</p> <p>CLOCA was asked about current land acquisition plans which might benefit compensation plans; while plans are in early stages, CLOCA will work with WTFNs the process when looking at options. Funding has primarily come from Ontario and Canada in the past.</p> <p>It was asked if municipalities would compensate off-site of CLOAC lands, a topic that will need further study. Under CLOCA, Endangered Species Act (MECP) – discussion meant to provide overview of options. WTFN looking for certainty that compensation plans are met.</p> <p>There was an interest in compensation ratios, though identifying the land size and quality of land is not yet determined and are key to ratios; needs to include Darlington/Pickering. Previous ESA permits for habitat replacement have used ratios such as Butternut trees 40:1. Ultimate goal is no net loss for CLOCA planning.</p> <p>Toronto Region Conservation Association has a strategy which may be suitable. Comment made that trees should be replaced</p>

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					<p>like for like with special emphasis on older trees (150 years or more.) WTFN reps advised CLOCA that not all trees are the same.</p> <p><b>Action (CLOCA):</b> Share TRCA strategy with attendees. <b>Action (OPG):</b> Confirm butternut ratios to be used.</p> <p>WTFN asked for OPG's baseline for planning with compensations. Offsetting looks at what was there before DNNP and replicating it. OPG is open to hearing what should be restored based on how habitats evolve. Offset and resolutions should be viewed as separate discussions. MSIFN noted that it has guiding principles that could be considered for the restoration plan; OPG needs to understand what that looks like.</p> <p><b>Action (MSIFN):</b> Provide guiding principles to attendees.</p> <p><b>Beneficial Action Areas and Tree Replacement Planting (OPG)</b></p> <p>OPG has two Endangered Species Act permits. Looking to get third and final one for the upcoming construction and operation phases of units 1-4. More information on impacts will be available sometime in Q3 or Q4. Tree replacement planting at a 3:1 ratio for each tree removed from ESA habitat for site preparation for units 1-4</p> <p>It was noted that OPG removed almost 6000 trees; were those trees above a specific height or was there no restriction? There was a minimum which will be communicated to attendees.</p> <p><b>Action (OPG):</b> Send minimum qualification for trees.</p> <p>WTFN noted that there were two butternutt trees on site and would like more details about them.</p> <p><b>Action (OPG):</b> share more details on butternut trees.</p> <p>OPG is open to hearing where the best areas of butternut trees can be planted. May not be able to do 40 of them but will continue</p>

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					<p>discussions. OPG didn't harvest seeds from the butternuts on site but, have committed to sourcing vegetation from local sources.</p> <p><b>Action (Environment):</b> Consider genetics for future policies and project actions.</p> <p>Noted that Port Hope has Butternut tree gifted by OPG that can be considered for future seed donations.</p> <p>WTFN interested to know what other trees were on site in order to create a similar habitat. Also, distance of "local" genetics needs to be defined. Forest Gene Conservation Association is a good option for stocked species.</p> <p><b>Action (Environment):</b> Share information and any supporting documentation with group and consider comment for future policies and project actions. Timeline for information to be shared requested as soon as possible.</p> <p>There was discussion about what constitutes local re: plants and trees for use in restoration source for on-site small areas related to unit 1 ESA is coming from a Six Nations nursery. They should be able to tell us where the seed comes from. Need to ensure the seed will survive in this area. Where was the seed zone harvested from?</p> <p><b>Action (Environment):</b> Confirm where seeds come from so that information can be shared with the group to determine if it's local.</p> <p>OPG was asked if they'd considered stage planting? This process can support future projects. OPG will note this and work with their contactor who is planting. It was suggested OPG does the planning now to understand what genetics are required for future projects.</p> <p>There was discussion on protecting the bank swallows at site and the need generally for contiguous BAAs for foraging purposes even when off-site, between 1 to 6 kms from main species location.</p> <p><b>CLOCA Watershed Health/Resilience &amp; Lynde Shores Restoration Planning</b></p>

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					<p>Nations wanted to know from a rights perspective if citizens could harvest at Lynde Shores and other sites. CLOCA in fact has been discussing internally to understand what the access could look like when working with the Nations Planning on the resiliency initiative began 4-5 years ago, with Environment Canada. Funding is always an issue and several applications are in play; participation by OPG as a funder is also welcome. CLOCA hasn't yet defined what the total costs are. Discussions on site with OPG have been outside the one taking place with regulators.</p> <p>There was discussion about how to balance the environment and rights with the project. OPG interested in understanding what strategy the Nations would like to pursue. WTFN expressed interest in a site visit and CLOCA interested in hosting.</p> <p><b>Action: OPG</b> will connect with CLOCA and the Nations to set a tour date for Lynde Shores in July.</p> <p>Durham Region features 18 wetlands which are well-trafficked by migratory species, but are in need of improvement for resiliency.</p> <p><b>DNNP Aquatic Offsetting Group Discussion</b></p> <p>OPG &amp; Atkins Realis looking to hear interests regarding offsetting measures/strategies. Also, what defines and makes offsetting successful (i.e., 1:1 ratio?). WTFN reps asked how much offsetting OPG was looking to do?</p> <p>How will DNNP and PNGS account for offsetting? Inventory OPG is gathering can be used for both projects. OPG is interested in understanding if there are opportunities to collaborate between the two projects.</p> <p>WTFN identified gap of fish data samples. Nations always said they are low grade habitats when given reports; that is not their view and should be reviewed with food webs and the characteristics of the fishery in mind. In terms of area needed for offset, the figure of 1600 m2 plus 425 m2 was given. WTFN reps recommended that nuclear as a whole should be the approach to restoration, e.g., Pickering NGS.</p>



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					<p>WTFN reps are concerned that invasive species will take over habitats intended for species such as trout – need more data to understand risks.</p> <p>MSIFN requested binding agreement to ensure what is captured in breakout sessions be appropriate captured. WTFN also noted that the knowledge being shared today can be sensitive. OPG acknowledges this is likely the direction where we will go. OPG also noted that this information can be discussed and finalized in October.</p> <p>CLFN noted that this decision needs to be considered with entire community through the proposed Indigenous Knowledge Study. OPG acknowledged that this is the first step and wants the Nations to feel comfortable with providing information in a good way.</p> <p>OPG was asked to share shapefiles of all dams in Ontario. Also, a map of all OPG sites and offices and any greenfield shapefiles.</p> <p><b>Action: OPG will share what they have available</b></p> <p>WTFNs expressed concern that the current agreements may not cover confidentiality for their information, especially considering the size of the assessment and how it could fall into other sites OPG owns, OPG acknowledged that this is a DNNP specific discussion. CLOCA offered to share data based on information located in their area.</p>
June 13, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>OPG draft CMD document for CNSC.</li> </ul>	Draft CMD shared with Nations for review/comment.	Feedback requested timeline extended to June 24, 2024.
June 13, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Email	<ul style="list-style-type: none"> <li>Presentation materials from June 10 meeting sent for reference.</li> </ul>	N/A	N/A
June 13, 2024	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Aquatic and Terrestrial Offsetting</li> </ul>	Email received from Alderville First Nation with questions and concerns pertaining to June 11, 2024 Offsetting and	

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				Restoration planning meeting held with WTFN. Questions included but were not limited to: -compensation ratios for SAR trees; -biocultural trees species noted in assessments at DNNP site; -nurseries to be used for plantings; -seed zones to be utilized in plans; -baseline data used to determine aquatic offsets and terrestrial restoration; -other growth to be included in restoration, e.g., shrub types' -aquatic offset calculations.	
June 17, 2024	<ul style="list-style-type: none"> <li>Mississauga of Scugog Island First Nation</li> </ul>	Meeting between MSIFN, KWL (SME to MSIFN) and OPG re: shoreline protection plan.	<ul style="list-style-type: none"> <li>Questions and concerns requiring disposition based on KWL review of 70% plan.</li> </ul>	N/A	KWL representatives ran through the various questions and concerns regarding OPG shoreline protection plan. The action to follow will be a disposition table prepared by OPG and shared with MSIFN and KWL mid-July/24.
June 20, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Permit meeting to support LTC.	<ul style="list-style-type: none"> <li>DFO Request for Review (in-water works)</li> <li>DNNP Aquatic and Terrestrial Offsetting</li> <li>Proposed Waste Table</li> <li>Mississauga Identified Topics</li> </ul>	OPG Environment noted that a BATEA exercise is underway and that there had been a previous presentation. It was suggested that a follow-up presentation be arranged for Mississauga Nation reps.	<p><b>RFR</b> Noted that fewer diffuser ports mean lower impact to environment; CCW will also mainly be a tunnel to avoid impacts. Nations have 90 days to submit feedback. DFO will engage with the Nations directly on the application. The full application would be submitted in October.</p> <p><b>Aquatic and Terrestrial Offsetting</b> Alderville had submitted an email with a number of questions and requested likely response time; initial disposition will take two weeks.</p> <p>There was discussion regarding shoreline protection and its interaction with the island habitat concept. Does it protect the SMR site more than it being a habitat? The emphasis is on any such form being a habitat. Other measures can be used for shoreline protection in addition to what has been proposed. The habitat will take years of monitoring to determine viability.</p> <p>An update was requested by Mississauga Nation reps re: lakebed status. OPG's Real Estate Div has contacted MNRF to discuss the Nations expectation to be involved in any sale. Mississauga</p>

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					<p>Nation reps offered to help with speed of contact based on their own relationship with the Ministry.</p> <p>An action is to have OPG craft a letter to Chiefs and Councils with a cc: to Mississauga Nation representatives with a focus on what OPG is doing and how regarding the lakebed.</p> <p>An in-person follow-up to the June 11 aquatic and terrestrial restoration session was discussed. Ideally it would be held in August, not July, and feature a site tour of Lynde Shores in the a.m. and a focus on terrestrial issues in the afternoon. Dates will be sought.</p> <p>It was noted that natural erosion at the bank swallow location be preserved to maintain the habitat; the shoreline protection team's plans have incorporated this.</p> <p>The DFO aquatic offsetting plan is due in October; the CLOCA terrestrial plan December 2025.</p> <p><b>Proposed Waste Table</b> A separate table to discuss waste issue as a whole in Nuclear was previously suggested with an initial meeting in July. The Mississauga Nation representatives requested an August date instead and will be confirmed. The need for consent on waste was discussed.</p> <p><b>Mississauga Identified Topics</b> Fukushima. The Nations would like a presentation on lessons learned up to date from the 2011 Fukushima event—a date/time for a meeting will follow.</p> <p>The use of an Ecological Evaluator was noted as a possible concept for the Nations to explore.</p> <p>Indigenous Knowledge Study Concern was expressed by Mississauga Nation representatives about the IKS misaligning with the pace of SMR development. It would be preferable if the IKS were already well-advanced as opposed to just forming. There is a push by OPG to get the units built in a relatively short timeframe. OPG was asked to communicate on the rationale for the schedule as it related to electrical demands. OPG will arrange for a SME to present on this. At the same time, OPG believes the IKS to be a living document which will inform all Nuclear projects as they evolve.</p>

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June 22, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Event: 15 <sup>th</sup> Annual Netis Heritage Celebration	<ul style="list-style-type: none"> <li>DNNP representation at annual Metis Heritage cultural event.</li> </ul>	OPG sponsor of event.	N/A
June 24, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Shoreline Protection</li> </ul>	MSIFN provided their Third party review (prepared by KWL) of OPG 70% plans on shoreline protection via email. Issues to address included, among others: -inclusion of national and international regulatory documents and guides on the subject; -more information relating to external hazards, e.g., flooding, erosion; -more recent habitat studies; -impacts to spawning from use of armouring in shoreline protection; -any incorporation of Indigenous Knowledge; -status of borehole studies; -CLOCA regulatory limit re: storm for hazard areas; -impact from wind and storm damage; -inclusion of severe, low probability events, e.g., tsunami.	
June 25, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Meeting	<ul style="list-style-type: none"> <li>Shoreline Protection and Circulating Cooling Water (CCW) system.</li> <li>DNNP Request For Review with the DFO</li> </ul>	Discussed the basis of current design and environmental impact mitigation measures.  Noted that initial application to DFO submitted June 5/24 but will not be finalized until October/24.	There was discussion about the purpose of the shoreline protection design (prevent erosion to future DNNP facilities) and use of armour stone and other quarried materials, which will be sources locally. The shoreline covered is approximately 700 meters.  It was emphasized that the evolving design has lowered the projected impacts to aquatic and terrestrial habitats and species, e.g., bank swallows. The acronym used is HADD—harmful, alteration, disruption and destruction. At the same time, the protective measures would result in an increase in erosion to the remaining natural shoreline (30%) as the natural transport of sediment will be reduced. However, erosion is a key feature of sustaining the bank swallow habitat outside of the protected area.

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					<p>There was a question regarding the construction season versus the bank swallow nesting season. It was shared that OPG cannot be constructed in the area between April 1 and August 30 as the species is federally protected.</p> <p>Regarding the CCW system, it was again noted that the evolving design will reduce HADD by utilizing few diffuser ports and the design of the intake tunnel.</p> <p>MNO 8 representatives ask if OPG and its vendors found engagement meeting with Indigenous Nations and Communities helpful to its plans. OPG and vendor representatives were able to note that having an Indigenous lens on this and other designs has been beneficial in reducing environmental impacts and that the inputs of Indigenous staff on the project is also key. It is important to incorporate Indigenous Knowledge to improve planning on a continual basis.</p>
June 27, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly meeting with WTFN.	<ul style="list-style-type: none"> <li>DNNP Actions Table Review</li> <li>Site Preparation, Establishment update</li> <li>EMEAF (Monitoring as per EA conditions) + DNNP ERA – Next Steps</li> </ul>	The Nations communicated that they also have contacts with various provincial and federal contacts and should be brought into discussions where their relationships may help resolve outstanding issues. It may not always be appropriate to have OPG between the Nations and direction issued by Crown entities.	<p>The Action Table Review prompted discussion on several issues, including:</p> <ul style="list-style-type: none"> <li>-history of alternatives to current CCW plans;</li> <li>-disposition of lands from MNRF to OPG for the project and WTFN participation;</li> <li>-status of climate change reporting;</li> <li>-history of existing OPG habitats</li> <li>-sharing to OPG engagement logs with WTFN;</li> <li>-clarification on whether delegation from all Ontario ministries covered by Ministry of Energy letter.</li> </ul> <p>All of these items were actioned for responses.</p> <p>Of particular note was the decision by OPG not to undertake a benthic survey ahead of the planned dredging of the DNCS forebay. The Nation strongly felt that a creative solution is needed on this matter and 4 Directions proposed a way forward using eDNA which may suffice current and future study needs. 4 Directions stated that there are technological solutions to monitoring and studies which are cost-effective and timelier than many current practices.</p> <p>Site Preparation focused on grubbing completion, power and water installation, and security fencing. There was also discussion</p>

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					<p>on the need for borehole work to conduct seismic testing. An internal road may need to be widened to accommodate the movement of soil and equipment which would include crossing the CN line. It was confirmed that OPG would not transport radioactive materials over the proposed crossing.</p> <p>Permits required in the short-term include an MTO building and land use permit, an amendment to the existing ECA and CLOCA permits.</p>
June 27, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct 2/24 virtual and hybrid January/25.</li> </ul>	N/A	N/A
June 27, 2024	<ul style="list-style-type: none"> <li>Rama First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct 2/24 virtual and hybrid January/25.</li> </ul>	N/A	N/A
June 27, 2024	<ul style="list-style-type: none"> <li>Georgina Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct 2/24 virtual and hybrid January/25.</li> </ul>	N/A	N/A
June 27, 2024	<ul style="list-style-type: none"> <li>Beausoleil First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct 2/24 virtual and hybrid January/25.</li> </ul>	N/A	N/A
June 27, 2024	<ul style="list-style-type: none"> <li>Mohawks of the Bay of Quinte</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct 2/24 virtual and hybrid January/25.</li> </ul>	N/A	N/A
June 27, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct</li> </ul>	N/A	N/A

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			2/24 virtual and hybrid January/25.		
June 27, 2024	<ul style="list-style-type: none"> <li>Kawartha Nishnawbe</li> </ul>	Email	<ul style="list-style-type: none"> <li>Shared CNSC notification of two-part DNNP hearing; Oct 2/24 virtual and hybrid January/25.</li> </ul>	N/A	N/A
June 28, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Email	<ul style="list-style-type: none"> <li>Response to CNSC hearing email.</li> </ul>	N/A	Receipt of information was appreciated by Nuclear Energy SME. Noted that in Commission Record of Decision that OPG had appropriately addressed outstanding topics.
July 2, 2024	<ul style="list-style-type: none"> <li>Rama First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Response to CNSC hearing email.</li> </ul>	N/A	Notification to be shared at next Chief and Council meeting.
July 4, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Meeting	<ul style="list-style-type: none"> <li>Discussion re: environmental monitoring site visit.</li> </ul>	N/A	Target date is September 21. Agenda to be discussed at next planning meeting.
July 8, 2024	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Aquatic and Terrestrial Offsetting</li> </ul>	The DNNP team provided responses to comments and feedback received from Alderville First Nation, comments stemming from a meeting held on June 11 <sup>th</sup> to discuss DNNP Offsetting and Restoration; initial comments received on June 13 <sup>th</sup> /2024.	
July 9, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL.</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water (CCW) system including offshore</li> </ul>	N/A

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				intake shaft, diffusers, and onshore intake and discharge piping.	
July 9, 2024	<ul style="list-style-type: none"> <li>Rama First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water (CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.</li> </ul>	N/A
July 9, 2024	<ul style="list-style-type: none"> <li>Georgina Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water</li> </ul>	N/A



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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				(CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.	
July 9, 2024	<ul style="list-style-type: none"> <li>Beausoleil First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water (CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.</li> </ul>	N/A
July 9, 2024	<ul style="list-style-type: none"> <li>Mohawks of the Bay of Quinte</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> </ul>	N/A

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				<ul style="list-style-type: none"> <li>Construction of the Condenser Cooling Water (CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.</li> </ul>	
July 9, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario region 8</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water (CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.</li> </ul>	N/A
July 9, 2024	<ul style="list-style-type: none"> <li>Kawartha Nishnawbe</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings,</li> </ul>	N/A

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				<ul style="list-style-type: none"> <li>with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water (CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.</li> </ul>	
July 9, 2024	<ul style="list-style-type: none"> <li>Six Nation of the Grand River</li> </ul>	Email	<ul style="list-style-type: none"> <li>Email of License Amendment Application to CNSC regarding additional work within PRSL</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and grading of the site, including the excavation for foundations to design elevation.</li> <li>Installation of facilities foundation for the Power Block buildings, with the exception of the Reactor Building.</li> <li>Construction of the Condenser Cooling Water (CCW) system including offshore intake shaft, diffusers, and onshore intake and discharge piping.</li> </ul>	N/A
July 17, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Climate Change Risk Assessment/Treatment Phase 2</li> </ul>	MSIFN made a request that CNSC should be aware that discussions between the DNNP climate change team and the Mississauga Nations as ongoing.	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
July 18, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly permit meeting to support LTC.	<ul style="list-style-type: none"> <li>Shoreline Protection and Condenser Cooling Water (CCW) System: Designs, Permitting and Regulatory Approvals Updates for In-Water Works Scopes</li> <li>DNNP - Progress Update on Endangered Species Act Permit Application: Supporting Construction and Operations of Reactors 1 – 4</li> <li>Additional Topics as identified by the Michi Saagiig FNs; Open Discussion</li> </ul>	<p>DNNP CCW and Shoreline Protection in-water works design, permitting and execution updates provided by Atkins Realis and Black and Veatch reps working on the DNNP</p> <p>Questions regarding the relationship between the proposed MNR Work Permit and proposed in-water land purchase (lakebed); the work permit is intended to cover the same area as the proposed land purchase area (the CCW intake/diffuser loop tunnel); the MNR often requires 3-months to review work permit applications;</p> <p>The DNNP team asked for clarity from the Nations if there is feasibility for a concurrent First Nations and regulator review (no, this concurrent process does not align with the Michi Saagiig First Nations' expectations and requirements for consultation on permitting)</p> <p>A question was raised as to when the DNNP decided to pursue a work permit; DNNP response indicated that timelines and the process for consultation on the land purchase process were factors in the decision to pursue this work permit; a work permit was reflected in the larger permit list for the project as contingency; Questions raised</p>	<p>Concerns raised:</p> <p>MSIFN reiterated their concerns regarding protections of offsetting and restoration areas; has repeatedly asked OPG for clarity on easements and legal protections for planned Beneficial Action Areas/Habitat Creation on DNNP site</p> <p>Concerns were raised about the DNNP's approach to engagement and consultation, that the current process does not reflect the process required by Rights holding First Nations; why are the ministries engaged before/without the First Nations</p> <p>Concerns raised regarding the lack of inclusion/incorporation of Indigenous Knowledges/Traditional Ecological Knowledge into the project; specifically regarding the project's understanding of impacts and mitigations</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				<p>about what OPG will do if a land-purchase of the lakebed does not occur, this requires extensive consultation; this interim measure is new to the Nations and require the background information to understand how the decision was made.</p> <p>Acknowledgement that the opportunity for early engagement and consultation on this scope was missed; a request to receive feedback on how to do better moving forward; A request from reps. to receive the SPOC contact information for MNRF for the in-water land purchase;</p> <p>Discussion and presentation of ESA Permit Application for Construction/Update on progress of preparation of permit application; Question HFN: is the MECP included in the MOE Delegation; clarity required on this matter.</p> <p>Discussion on method of bedrock removal; Requests for further information and existing studies and reports was made by the First Nations; Perspective was shared from HFN that methodologies/models/safety standards that do not include Indigenous Knowledges is potentially methodologically flawed; not saying these aren't helpful but are not fully informed.</p>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
July 25, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> <li>Hiawatha First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly meeting in support of LTC.	<ul style="list-style-type: none"> <li>Action Table</li> <li>Climate Change Planning Update</li> <li>Geotech Update Units 2—4</li> <li>Environment: proposed Indigenous persons receptor.</li> <li>Licence to Prepare Site (LTPS) amendment to CNSC</li> <li>Roundtable</li> </ul>	A key theme of the meeting was that honouring WTFN rights equals environmental protection.	<p><b>Action Table:</b> Update on shoreline protection disposition tables for MSIFN and HFN—to be provided week of July 29.</p> <p>Discussion re: provincial delegation between various ministries. Focus on MECP. OPG to follow-up and facilitate discussion with MECP as per questions from HFN. Any email communication to be shared.</p> <p><b>Climate Change Planning Update:</b> Next reporting date to CNSC on planning in 2026 using federal guidelines. Through discussion it was agreed that the OPG team will host a workshop to collaboratively develop content before finalized; generally, this process advised for all project reports. The algae early warning system was discussed as noted by HFN feedback on planning documents; while shared with all WTFN, OPG cautioned to seek approval on specific Nation information in future. A wholistic approach to the planning including 4 SMRs and DNGS should be worked up to be wholistic.</p> <p>There was a question regarding CNSC direction or comments on OPG planning document; this has not been received yet. There was discussion on biofouling and OPG’s monitoring plans, which OPG will share with WTFN.</p> <p><b>Geotech Update Units 2—4:</b> Noted that draft report was shared but close to the meeting. Again, WTFN advised OPG to provide documentation related to presentations much earlier for review. OPG was also advised to develop preamble language in documents related to ground disturbance acknowledging that WTFN rights are impacted and may need to be accommodated.</p> <p><b>Environment: Environment: proposed Harvester receptor:</b> The proposed receptor was discussed having specific Indigenous characteristics, e.g., working/living near nuclear facility, consuming of traditionally harvested foodstuffs. It was recommended by WTFN that a third party with experience of the subject matter conduct a review and provide guidance. Information to provide vendor parameters for a quote was requested and subsequently provided. This work is tied to the pending Predictive Environmental Risk Assessment report due at the end of September for CNSC. WTFN wanted to be a part of the report process; it was noted by OPG that the report is a living document; feedback can be incorporated at any time.</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p><b>LTPS:</b> The amendment to the LTPS was provided by email to WTFN on July 9. Representatives were asked if they had any questions, concerns or issues relating to LTPS. None were voiced though there was a request to share the LTPS package to CNSC with them. This action was agreed to for subsequent action.</p> <p><b>Round Table:</b> There was discussion about aquatic offsets and terrestrial restoration related to DNNP. Given work schedules it can be hard to set aside entire days to these subject areas. WTFN recommended a series of shorter workshop meetings per topic as being a better methodology. This was agreed to. The first session will centre on aquatic offsetting options in light of DFO's desire to see a plan on the subject in October. WTFN representatives will provide a series of dates for availability. It was also stated by WTFN that the use of purchased 'credits' for offsetting/restoration is not supported by WTFN.</p>
July 25, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	Tour	<ul style="list-style-type: none"> <li>Driving tour of Darlington Station and DNNP site.</li> </ul>	Provided upon request to CLFN Consultation staff and summer students after the monthly meeting.	N/A
July 25, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Shoreline Protection</li> </ul>	The DNNP team provided the project's responses to MSIFN's submitted memo that included their third-party review of DNNP Shoreline Protection Designs; Response table was sent partially complete as some comments required further follow-up.	
July 30, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Shoreline Protection</li> <li>DNNP Aquatic Assessments</li> </ul>	The DNNP team provided dispositions to comments submitted by HFN on the DNNP Shoreline Restoration (including Shoreline Protection Designs), Aquatic Assessments (Existing Environment, and Aquatic Impacts); initial comments were received in April 2024	
July 30, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Curve Lake First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Notification that the DNNP Shoreline Protection 90% Design Report is available for</li> </ul>	A follow-up email was sent on August 1 <sup>st</sup> /2024 providing further details; clarifying a review window of 60 Days;	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>		<ul style="list-style-type: none"> <li>review and comment by the Nations</li> </ul>	Indicating that the DNNP is anticipating responses by October 1 <sup>st</sup> /2024 to inform, and incorporate contributions, to the DNNP Shoreline Protection 100% Design Report.	
August 1, 2024	<ul style="list-style-type: none"> <li>Hiwatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>An email was sent from the DNNP Indigenous Relations team acknowledging receipt of 4Directions' (representing Hiawatha First Nation) Proposal for Benthic Bio-Assessment at the DNGS Dock Area. The DNNP team reviewed the proposal and have follow-up questions and notes. The following comments and questions were provided to 4 Directions/HFN for follow-up:</p> <ol style="list-style-type: none"> <li>How long will the work take to complete (sampling)? The project is looking to receive a timetable. Would the collection/sampling require one (1) day? Looking to have a schedule appended to the proposal.</li> <li>Mobilization for dredging is scheduled for August 24<sup>th</sup>; can the fieldwork start before this date?</li> <li>An AECON safety brief is required and the team here can help co-ordinate this.</li> <li>Be aware there is maintenance dredging requirements in the future.</li> <li>In the proposal there are a few sections that</li> </ol>	



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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				reference CLFN, as well as HFN; We were looking to gain clarification if this proposal includes only HFN, if so, please amend.	
August 1, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	An email was sent from the DNNP team to representatives at 4Directions (HFN) with an additional question regarding the proposed DNGS Dock Area Aquatic sampling. The DNNP team is seeking clarity on the Nation's position on proceeding with dredging activities post-sampling and pre-analysis of samples.	
August 1, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>Email response from 4Directions/HFN representative, stated they will provide answers to the following questions/comments ASAP:</p> <ol style="list-style-type: none"> <li>How long will the work take to complete (sampling)? The project is looking to receive a timetable. Would the collection/sampling require one (1) day? Looking to have a schedule appended to the proposal.</li> <li>Mobilization for dredging is scheduled for August 24th; can the fieldwork start before this date?</li> <li>An AECON safety brief is required and the team here can help co-ordinate this.</li> <li>Be aware there is maintenance dredging requirements in the future.</li> </ol>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				5. In the proposal there are a few sections that reference CLFN, as well as HFN; We were looking to gain clarification if this proposal includes only HFN, if so, please amend.	
August 6, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>Representatives of 4Directions/HFN responded to questions and clarifications being sought by the DNNP regarding the proposed sampling activities at the DNGS Dock Area. The questions and responses are as follows:</p> <ol style="list-style-type: none"> <li>How long will the work take to complete (sampling)? The project is looking to receive a timetable. Would the collection/sampling require one (1) day? Looking to have a schedule appended to the proposal. The sampling will be completed in 1 day. Timeline for 2024 attached. Will provide future timelines based around future maintenance dredging.</li> <li>Mobilization for dredging is scheduled for August 24th; can the fieldwork start before this date? Yes, the plan is to collect samples prior to dredging to establish a baseline for future sampling events.</li> <li>An AECON safety brief is required and the team here can help co-ordinate this. Yes, we will need this to happen ASAP. How long is the safety brief? Is it something we can coordinate to do on the day of the sampling? If it more</li> </ol>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
August 6, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> </ul>	<p>than an 30min-1hr then we will have to schedule ahead of the sampling day.</p> <p>4. Be aware there is maintenance dredging requirements in the future. Do you have an estimate on the number of dredging operations that will take place per year and When? If not, there may be a need to conduct a second sampling event per year prior to maintenance dredging at an extra cost.</p> <p>5. In the proposal there are a few sections that reference CLFN, as well as HFN; We were looking to gain clarification if this proposal includes only HFN, if so, please amend. This has been amended. Data will shared with WTFN for review when results are tabulated.</p> <p>The project team's desire is to proceed with dredging work once fieldwork is completed, a clarification is being sought on the Nation's position with proceeding with dredging prior to the analysis of samples and subsequent summary meeting with HFN. Yes, we understand this and that is ok. Again, this sampling event that will occur prior to the August 24th dredging will act as a baseline for future sampling events. Dredging can occur prior to analysis of the first sampling event.</p>	An email was sent from the DNNP Indigenous Relations

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			<ul style="list-style-type: none"> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>team requesting confirmation from 4 Directions and Hiawatha First Nation representatives that 4D/HFN will be approaching MSIFN, Curve Lake FN and Alderville FN on alignment forward for the proposed DNGS dock dredging mobilization once sampling activities have been completed.</p>	
August 7, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Curve Lake First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Meeting	<ul style="list-style-type: none"> <li>Initial/Kick-off Meeting to discuss OPG Nuclear Waste and the engagement and consultation path with the Michi Saagiig FNs (WTFN)</li> <li>Determine path forward for meaningfully discussing concepts and plans for LLW/ILW/HLW waste storage in the WTFN territory</li> </ul>	<p>The meeting was intended to hold space for members of OPG's Nuclear Sustainability Services and representatives of the Michi Saagiig First Nations to have preliminary discussions regarding the establishment of a specific table to discuss nuclear waste at OPG.</p> <p>Understanding that concerns have been raised repeatedly at many CNSC hearings by the Nations; a dedicated forum is required for engagement and consultation.</p> <p>To progress this table, a Terms of Reference and guiding principles must be drafted; Roadmaps for projects and regulatory process must be provided; and key topics of discussions and agendas must be drafted.</p>	<p>Decisions regarding onsite interim storage of DNNP waste was a key topic of concern from the Nations; requested clarity and documentation outlining OPG's rationale on the decision to not send DNNP waste to WWMF; If the plan is to potentially store waste onsite at DNNP, the Nations indicated this will require their consent, and require meaningful engagement and consultation, and support the Nations to make an informed decision on the subject.</p>
August 9, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>A follow-up email was sent from the DNNP Indigenous Relations team to representatives of 4 Directions/Hiawatha First Nation requesting an update and/or confirmation on the position of the Michi Saagiig</p>	

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				<p>First Nations for initiating dredging activities once sampling has concluded, but prior to assessment and discussion of sampling results.</p> <p>Also, indicated that the DNNP team will be providing the DFO with the proposal for sampling (received from 4 Directions, representing Hiawatha First Nation); and also indicating to the DFO that Hiawatha First nation is in alignment with the proposed approach to dredging activities upon completion of sampling.</p> <p>Reiterating the DNNP's request for confirmation and clarity on the position of the sister Nations.</p>	
August 12, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Curve Lake First Nation</li> <li>Mississaugas of Scugog island First Nation</li> </ul>	On-site tour.	<ul style="list-style-type: none"> <li>On-site tour of Lynde Shores Conservation Area, hosted by Central Lake Ontario Conservation Authority (CLOCA)</li> </ul>	<p>Representatives were also shown the wetland inside the main conservation area and the protected land animal crossing underneath Victoria Street.</p>	<p>The site tour's purpose was to see lands adjacent to Lynde Shores CLOCA is planning to develop as a wetland. This would be about 2 hectares; the overall size of the land area is over 6 hectares.</p> <p>There was discussion about the potential for the site to assist with off-site terrestrial restoration plans stemming from DNNP site development to augment the identified Beneficial Action Areas there.</p>
August 12, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>An email was sent to representatives at 4 Directions/Hiawatha First Nation requesting an update on the alignment and confirmation of the Michi Saagiig First Nations and the proposed schedule for dredging activities once aquatic sampling activities at the DNGS dock have been completed.</p>	
August 13, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Email from MNO 8 rep.	<ul style="list-style-type: none"> <li>Possible environmental site tour</li> </ul>	N/A	<p>MNO 8 rep requested that the focus of the proposed tour be moved from the fall to the spring of 2025. This was agreed to.</p>

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			of Darlington Nuclear lands, fall 2024.		
August 13, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>Representative from 4 Directions (Supporting Hiawatha First nation with engagement and consultation on DNNP) provided a response to an email sent on August 12<sup>th</sup>. Provided an update that 4 Directions/HFN should have confirmation of Michi Saagiig First nations alignment on proposed mobilization of dredging activities once aquatic sampling has been completed.</p> <p>Also noted that 4 Directions/HFN have begun corresponding directly with Aecon regarding the proposal, Purchase Order (PO) Agreement, contract and other relevant matters to executing the proposed sampling activities.</p>	
August 14, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>An email was sent from the DNNP Indigenous Relations team to a representative with 4 Directions/Hiawatha First Nation requesting if there have been any updates to the alignment and concurrence of the Michi Saagiig First Nations (HFN, Alderville, Curve Lake and Scugog island FNs) with the proposed plan to mobilize dredging activities once sampling has been completed, but prior to assessment and review of the sampling results.</p>	
August 14, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> </ul>	<p>An email response was received from representative at 4 Directions/Hiawatha First Nation, a response/update</p>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			<ul style="list-style-type: none"> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>provided on the status of alignment and concurrence with proposed dredging activities post sampling.</p> <p>4 Directions staff indicated that HFN and Scugog Island First Nation (MSIFN) are in alignment with the proposed activities. Still awaiting confirmation from Curve Lake First Nation (CLFN). No indication of status with Alderville First Nation (AFN) was provided.</p> <p>4 Directions staff stated that if they do not hear back from CLFN or AFN, they will have to proceed with the works with the Nations that are in alignment; and that all data and information will be shared with all the Michi Saagiig First Nations.</p>	
August 14, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	The DNNP team sent an email to representative at 4 Directions (representing Hiawatha First Nation) providing an introduction, requesting an estimate of number of staff that will be on site to perform sampling activities, and providing notice that these individuals will need to attend a site safety stand up meeting prior to executing works at the site.	
August 14, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	A response was received from 4 Directions staff (representing Hiawatha First Nation) providing the DNNP with an estimate of the number of individuals that will be present on site to conduct sampling activities. As well the 4	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				<p>Directions staff provided a tentative date of August 22<sup>nd</sup> to complete the sampling activities (with a contingency date of August 23<sup>rd</sup>)</p> <p>A request was made to understand how long the training will be as this may have an impact on scheduling the sampling activities.</p>	
August 15, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Curve Lake First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> </ul>	Monthly permit meeting to support LTC.	<ul style="list-style-type: none"> <li>Storm Water Management update</li> <li>ESA permit and updates</li> <li>Additional topics</li> </ul>	N/A	<p>Storm Water Management update: the necessity of grading the site and temporary as well as permanent SWM plans were discussed. The approached overall will be phased, e.g., Revision 0 followed by Revision 1. The latter will feature detailed design work.</p> <p>It was noted Revision 1 would be available around September 15 and WTFN reps noted this left little time to review and provide feedback which may be incorporated. An action was agreed upon to engage on the subject before this date, subsequently the week of August 26.</p> <p>WTFN reps noted that enhanced monitoring of water quality testing only focused on the specific area in question during construction—why not the other water courses. This request will be reviewed by the SWM team. Monitoring looked as if it might end with the construction phase, but OPG clarified that the Environment office will be monitoring the area as part of their overall planning and will invite WTFN to participate.</p> <p>There was also discussion regarding an Environmental Table, follow-up to an earlier discussion of the subject; OPG and WTFN will word out logistics and representation.</p> <p>ESA permit and updates: The ESA permit will consider construction and operations in separate application with MECP versus one as originally planned. The permits include excavation and in-water work. WTFN noted potential impacts to species including the American eel.</p> <p>Clearing and grubbing for units 2—4 is also contemplated though will be minimal. The existing vibration report for the nearby bluff is on the group sharepoint. While the permit would be submitted in January, it will be available for review by WTFN by November. The Environment team was asked whether additional surveys, test and site visits were needed.</p>



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					<p>There was also discussion about the final designs for the units, which are not yet complete. This may require a road near the Beneficial Action Area. It was noted by OPG that if the road were needed the BAA size would not be affected though would shift. WTFN noted that the amendment for this had already been submitted and wanted to note that their input had not been sought, an oversight by OPG. Protection for the BAA via an easement, project agreement or other mechanism was again brought forward by WTFN. This also prompted general discussion about a future restoration fund discussion.</p> <p>Additional topics:                      -The status of contribution agreement update was shared by OPR with WTFN representatives.                      -OPG signaled that there would be a Best Available Technology and Techniques Economically Achievable (BATEA) presentation for WTFN in September as a follow-up to a meeting earlier in the year.                      -OPG requested if WTFN representatives had any feedback, issues or concerns with the LTPS amendment being sought; no feedback was received at this time. An LTPS presentation will be shared at the August 22 meeting.                      -Permits: WTFN reps request to see the forecasted permits schedule through 2025 with a calendar feature for easy referral.                      -Benthic survey: 4 Directions representing Hiawatha FN will conduct the survey by the end of August and want to ensure that any related benthic documents from OPG and its vendors are in hand.                      -WTFN noted a number of subjects including offsetting and restoration plans, waste management, community engagement among others which will require dedicated time to discuss. The various proposed tables and the proposed new project engagement model on IR OPG is rolling out will help, but it was important to acknowledge that the various issues be addressed adequately.</p>
August 16, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Units 2-4 Preliminary Hydrogeological and Geotechnical Investigation</li> </ul>	Comments and feedback received from MSIFN based on their review of materials supporting the preliminary Hydrogeological and Geotechnical investigation works supporting DNNP Units 2-4, including:	

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				-status of abandoned boreholes at the site; -water level monitoring dates in 2024 and monitoring beyond these dates; -ground water controls; -contractor to be used for dewatering and disposition of removed water; -length of construction season required for work—limited or ongoing? -contractor design for excavation work and support system.	
August 19, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Beneficial Actions Area/Planting Plans</li> <li>EMEAF Plan</li> </ul>	The DNNP team provided a response to comments submitted by HFN/4Directions regarding the DNNP Beneficial Action Areas Planting Plans/Habitat Creation Plan, and the DNNP's EMEAF Plan; initial comments received in May 2024	
August 19, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> <li>Curve lake First Nation</li> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Stormwater Management Designs for Site Areas 16A and 16B</li> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	An email was sent from the DNNP team to representatives of the Michi Saagig First Nations; providing the DNNP's site mapping and designs for the Stormwater Management system for areas 16A and 16B to support an Environmental Compliance Approval Amendment application. As well, preliminary information was shared on the plans for the DNNP to conduct seed collection and plant salvaging at the site, and requesting if there is interest and capacity from the Nations to participate in these site activities.	
August 19, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> </ul>	4 Directions on behalf of HFN submitted feedback and comments on the DNNP's	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				proposed DNGS Dock Dredging and Lake Disposal scope of work. This feedback was provided to project subject matter experts to begin dispositions and responses.	
August 20, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Shoreline Protection</li> </ul>	A reminder was sent from MSIFN that remaining Shoreline Protections comment responses remain outstanding, requested a timeline of when to expect remaining responses	
August 21, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> <li>Curve lake First Nation</li> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Stormwater Management Designs for Site Areas 16A and 16B</li> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	An email was received from representatives of MSIFN requesting further details on the expected review window for the Stormwater Management system designs. As well further information was requested for the DNNP site plant salvaging and seed collection activities.	
August 21, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> <li>Alderville First Nation</li> <li>Curve lake First Nation</li> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Stormwater Management Designs for Site Areas 16A and 16B</li> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	An email response was provided from the DNNP team to MSIFN, stating further information is required to determine review window for stormwater management designs; as well as a response to the MSIFN that they are more than welcome to participate in the seed collection and plant salvage activities on site and to provide availability to participate.	
August 21, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	A follow-up email was sent from the DNNP Indigenous Relations team regarding the requested status of alignment and concurrence amongst the Michi Saagiig First Nations on the proposed dock dredging mobilization post sampling activities.	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				A request to receive an update if Curve Lake FN and/or Alderville FN have replied with their support/alignment/concerns with the proposed path forward.	
August 21, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>Representatives of 4 Directions/Hiawatha First Nation provided a response to the DNNP Indigenous Relations team's request for an update on the Michi Saagiig First Nations alignment and concurrence with the proposed dock dredging activities once sampling has been completed in the area.</p> <p>The 4 directions staff indicated that they have not received a response or alignment from Curve Lake FN or Alderville FN.</p> <p>As well, the staff provided clarification that this alignment and concurrence is being sought for the analysis of sampled materials, and is not an acceptance of the Nations agreeing to the dredging and disposal operations. The 4 directions staff indicated these are separate topics and that the DNNP will need to reach out to each Nation for their approval on the dredging and disposal operations.</p>	
August 21, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and</li> </ul>	An email was sent from the DNNP team requesting an update on the status of 4 Directions (HFN) review of the revised PO sent by Aecon (the revised PO had incorporated	

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**Darlington New Nuclear Project Indigenous Engagement Report November 2023 to September 2024**

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			Invertebrate Sampling	<p>requested changes by 4 Directions).</p> <p>The DNNP team also provided 4 Directions with further information for site safety orientation training. This is required for vendors and contractors to perform work at the site.</p> <p>Also, the DNNP team provided 4 Directions with a list of required documentation and forms including:</p> <ul style="list-style-type: none"> <li>- WSIB Clearance</li> <li>- Form 1000</li> <li>- Declaration of Competent Supervisor</li> <li>- Signed JHAs for the task being completed</li> </ul>	
August 21, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>• DNGS Dock Dredging and Disposal</li> <li>• DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	An email was received from 4 Directions indicating that additional 4 Directions staff are being CC'd to assist with the contract and PO discussions for the proposed eDNA sampling at DNGS dock area.	
August 22, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>• DNGS Dock Dredging and Disposal</li> <li>• DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>An email was sent from an Aecon representative (DNNP) to request the following documents from 4 Directions (HFN) in preparation for crew(s) arriving on site:</p> <ul style="list-style-type: none"> <li>- WSIB Clearance</li> <li>- Form 1000</li> <li>- Signed Job Hazard Analysis form (JHA)</li> </ul>	
August 22, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>• DNGS Dock Dredging and Disposal</li> <li>• DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>A representative of 4Directions/HFN emailed the following completed/signed forms and documents:</p> <ul style="list-style-type: none"> <li>- Declaration of competent supervisor</li> <li>- Form 1000</li> </ul>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				<ul style="list-style-type: none"> <li>- WSIB Certificate</li> <li>- Job Hazard Analysis (JHA)</li> </ul>	
August 22, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>• DNGS Dock Dredging and Disposal</li> <li>• DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	An email was sent from Trisha Cowie (4 Directions, representing Hiawatha First Nation) providing Aecon and the DNNP team with an edited and redacted (updated) contract for Aecon review prior to signature. 4 Directions staff noted that the current version has not had time for an adequate legal review. 4 Directions added language regarding Intellectual Property.	
August 22, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>• DNGS Dock Dredging and Disposal</li> <li>• DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	A representative of Aecon (DNNP) sent an email to representatives of Hiawatha First Nation, providing an updated contract agreement for eDNA sampling at the DNGS dock area; request made for 4 Directions to sign and return at their earliest convenience.	
August 22, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>• DNGS Dock Dredging and Disposal</li> <li>• DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	A representative of 4Directions/HFN emailed a signed contract agreement with Aecon to perform eDNA sampling activities at the DNGS dock area.	
August 22, 2024	<ul style="list-style-type: none"> <li>• Hiawatha First Nation</li> <li>• Curve Lake First Nation</li> <li>• Mississaugas of Scugog Island First Nation</li> <li>• Alderville First Nation</li> </ul>	Monthly meeting in support of LTC.	<ul style="list-style-type: none"> <li>• Benthic Study/ Dredging</li> <li>• SMR Waste Systems</li> <li>• LTPS update.</li> </ul>	WTFN representatives again noted the preferences for receiving documentation from OPG and its contractors versus piecemeal.	Benthic Study/Dredging There was discussion regarding the benthic sampling plan being undertaken by 4 Directions in August and the timeline for the dredging work, planned to start August 27. Concerns were raised regarding the disposal of the sediment 4kms offshore from the site and possible drifting, as well as potential impacts to aquatic species and Mississauga harvesting rights. It was suggested that OPG examine alternatives, such as moving the sediment to an onshore location. There was also discussion about the rationale for not disposing of the sediment closer to shore (draft available to vessels inadequate). OPG's consideration of these points and

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
					<p>a potential follow-up meeting with WTFN would necessarily delay the work; the optimum window to complete the work is by the end of September at the latest.</p> <p>It was noted to WTFN that in correspondence from DFO, no permit was required from the agency for the dredging work. OPG has also agreed to a 5-year benthic monitoring program with 4 Directions.</p> <p><b>SMR Waste Systems</b> A presentation was shared regarding the liquid, gaseous and solid waste processes internal to the SMR1 design. WTFN reps made known the expectation that any significant releases would require notification to the Nations; this protocol is already in place for PNGS and DNGS. Reporting spills was also discussed. There was a question on allowable release limits from CNSC; these are in discussion and will be shared with WTFN when known. WTFN asked about the release of greenhouse gases from the unit; this would only occur when the back-up diesel generators are used. All emissions including diesel are monitored by the Environment team. While most waste is recycled for use within the unit, some items such as resins would be stored by NSS.</p> <p><b>LTPS update</b> The purpose of the LTPS was reviewed: the ability to do work covered by the license to prepare site with a longer timeframe due to change in the hearing schedule. No new work is contemplated and what is planned (grading, foundations for building, preliminary CCW work) is permitted under CNSC Reg Doc 1.1.1. However, a key question noted by the Nations was the status of the lakebed; will the crown sell the lakebed area to OPG? Shouldn't the rights-holders be involved? OPG has been working to contact the crown on this subject for some time and will advise WTFN should a meeting be arranged. WTFN requested that OPG communicate to the CNSC that in-water construction activities will not proceed until consultation has been met and the lakebed issue resolved. MSIFN noted that Reg.Doc 1.1.1 represents a minimum threshold and does not meet expectations of the Nations.</p>
August 22, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and</li> </ul>	A representative from Aecon emailed representatives of Hiawatha First Nation to request that 4 Directions provide a signed Subcontract PO Form, as 4Directions would be the subcontractor executing	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
August 22, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Invertebrate Sampling</li> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> </ul>	<p>the eDNA sampling in the DNGS dock area.</p> <p>An email was sent from the DNNP team to HFN representatives providing the project's responses and dispositions to the Dock Dredging and Lake Disposal comments that were submitted by HFN on August 19<sup>th</sup>/2024</p> <p>Referenced documents in the DNNP Disposition were also provided, including:</p> <ul style="list-style-type: none"> <li>Sediment Chemistry and Radiology Results</li> <li>Dean Construction: Dock Dredging Proposal</li> <li>DFO Letter of Advice</li> <li>Comprehensive Dredging Work Package</li> <li>Dredging Specifications</li> </ul>	
August 22, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> </ul>	<p>An email was sent from the DNNP team to HFN representatives providing the project's responses and dispositions to the Dock Dredging and Lake Disposal comments that were submitted by HFN on August 19<sup>th</sup>/2024</p>	
August 23, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> </ul>	<p>An email response was received from HFN representatives noting that they had reviewed the initial responses that were sent from the DNNP team; it was noted that additional information is required and a request was made for the DNNP to re-assess and provide additional</p>	



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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				responses to the initial comments that were submitted.	
August 24, 2024	<ul style="list-style-type: none"> <li>Chippewas of Rama First Nation</li> </ul>	Pow Wow attendance.	<ul style="list-style-type: none"> <li>N/A</li> </ul>	Information booth covering: <ul style="list-style-type: none"> <li>DNNP project</li> <li>ION program</li> <li>Isotopes</li> </ul>	N/A
August 26, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Species at Risk (SAR) Management Plan</li> </ul>	Response sent from the DNNP team to MSIFN; dispositioning comments received from the First Nation on the DNNP Species at Risk Management Plan	
August 29, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	MSIFN Framework Meeting	<ul style="list-style-type: none"> <li>License to Prepare Site (LTPS)</li> </ul>	OPG is working to secure a response from the Ministry of the Environment, Conservation and Parks (MECP).	During the framework meeting, MSIFN identified that it is seeking a response to the lakebed jurisdiction issue and applicability on the license amendment raised at the August 22 WTFN meeting. MSIFN requires a response or commitment before the CNSC decision is made.
August 27, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	An email was sent from Lee Scholl (4Directions representing HFN) providing Aecon with the signed PO, WSIB Clearance and Proof of Insurance to support the approval and execution of eDNA sampling activities within the DNGS dock area.	
August 27, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	An email was received from a representative/staff at 4 Directions (representing Hiawatha First Nation), requesting an update on the status of responses/dispositions from the DNNP team to comments/feedback that was submitted by 4Directions/HFN regarding the proposed DNGS Dock Dredging and Lake Disposal.	
August 27, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and</li> </ul>	The DNNP team replied to an email received from 4Directions/HFN requesting a status update on the DNNP's responses to Dock Dredging	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			Invertebrate Sampling	and Disposal comments submitted by 4Directions/HFN; The responses are currently under internal review and are to be sent by the end of the week (August 29 <sup>th</sup> )	
August 29, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	MSIFN Framework Meeting	<ul style="list-style-type: none"> <li>License to Prepare Site (LTPS)</li> </ul>	OPG is working to secure a response from the Ministry of the Environment, Conservation and Parks (MECP).	During the framework meeting, MSIFN identified that it is seeking a response to the lakebed jurisdiction issue and applicability on the license amendment raised at the August 22 WTFN meeting. MSIFN requires a response or commitment before the CNSC decision is made.
August 29, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Curve Lake First Nation</li> <li>Alderville First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>A revised disposition table was sent to representatives of Hiawatha First Nation (and the other Michi Saagiig First Nations) providing additional responses to their initial comments/feedback submitted on August 19<sup>th</sup>/2024; referenced project materials were also provided via email, and all materials have been uploaded to the external facing SharePoint site.</p> <p>As well, it was requested by the DNNP team for availability to meet on Tuesday, Sept. 3<sup>rd</sup>/2024 to hold a discussion on the current responses generated and other topics relevant to the DNGS Dock Dredging and Disposal scope of work.</p>	
August 29, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Curve Lake First Nation</li> <li>Alderville First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	A response was received from representatives/staff of 4Directions/HFN, acknowledging receipt of updated DNNP responses; also noting that there are a significant number of resources to review, and that the invitation to meet on September 3 <sup>rd</sup> to discuss is	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				short notice and does not allow for adequate review time by the Nations. 4 Directions staff noted that the Michi Saagiig First Nations are intending to meet collectively to discuss and align on the approach to engagement and consultation on the Dock Dredging and Disposal scope of work, and the concerns that have been provided by the Nations to date.	
August 29, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal supporting DNNP</li> </ul>	Received questions, concerns related to DNGS dock dredging, including but not limited to: -access to pre-dredging and hydro surveys; -time frame of dredging; -chosen waste disposal option; -use of turbidity curtain; -waste process monitoring; -fish rescue plan; -erosion/sediment control plan.	
August 29, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	An email was sent to HFN representatives from the DNNP team requesting an update on the planned date to execute eDNA sampling in the DNGS Dock area.	
August 29, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	Email was sent from Lee Scholl (4Directions, representing HFN) providing preliminary date range for proposed eDNA sampling activities in the DNGS dock area.	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				Noted the week of September 9 <sup>th</sup> , exact date TBD based on weather conditions.	
August 30, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Lake Disposal Comments from MSIFN</li> </ul>	The DNNP Team provided responses to the comments submitted by MSIFN on the DNGS Dock Dredging and Lake Disposal supporting the DNNP	
August 30, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	An email was received from representatives of MSIFN requesting further details for the planned dates for seed collection and plant salvaging activities at DNNP site, as well as a request to confirm the credentials of the individuals who will be conducting the seed collection and plant salvaging.	
September 6, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	MSIFN representatives sent a follow up request for updates and further information.	
September 6, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	Email response was provided by the DNNP team, providing tentative dates for seed collection as per site evaluation. As well providing further details of observations on site.	
September 6, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Plant Salvage and Seed Collection</li> </ul>	A response was sent from MSIFN representatives requesting to stay updated as refined dates are established for seed collection and plant salvaging activities. As well MSIFN is requesting information on Shagbark Hickory trees that MSIFN observed during a previous DNNP site visit, requesting an update on the status of these trees.	
September 9, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	CLFN Community Consultation Meeting	<ul style="list-style-type: none"> <li>Darlington New Nuclear Project</li> </ul>	OPG/DNNP Indigenous Relations staff attended and	CLFN consultation committee members noted that increased interface with leadership (Chief and Council) as well as

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
			<ul style="list-style-type: none"> <li>DNNP License to Construct for Unit 1 (LTC)</li> <li>DNNP Indigenous Engagement and Consultation</li> </ul>	presented at Curve Lake First Nation's consultation committee meeting to discuss the DNNP, upcoming regulatory approval milestone (License to Construct for DNNP SMR Unit 1). An overview of OPG-CLFN engagement and consultation was provided, as well as the plans and changes that are upcoming for 2025.	community members/CLFN citizens is necessary and desired to increase awareness and literacy of the DNNP development and broader energy generation in Ontario.
September 12, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNGS Dock Dredging and Proposed Disposal</li> <li>DNGS Dock Benthic and Invertebrate Sampling</li> </ul>	<p>An email was received from Lee School (4 Directions, representing HFN) that the planned DNGS Dock eDNA sampling will be postponed. Noting that the delay is due to the pending finalization of an agreement between Aecon and 4 Directions for the work.</p> <p>Once an agreement is finalized, a new date will be determined to execute eDNA Sampling in the DNGS Dock area.</p>	
September 16, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> <li>Alderville First Nation</li> <li>Curve Lake First Nation</li> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>September 2024 DNNP/WTFN Permit Meeting</li> <li>ECA (Environmental Compliance Approvals) Amendment Application</li> <li>Stormwater Management</li> <li>DNNP Site Grading for Units 2-4</li> <li>Aquatic Offsetting</li> <li>DNNP DFO Fisheries Act Authorization</li> </ul>	An email was sent from the DNNP Indigenous Relations team, requesting a deferral of meeting topics (initially planned for Sept. 19 <sup>th</sup> ) to Thursday, September 26 <sup>th</sup> /2024.	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
September 17, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>DNNP Site Seed Collection and Plant Salvaging</li> <li>DNNP ESA Permitting</li> </ul>	<p>An email was sent to representatives of Scugog Island First Nation providing an updated schedule for DNNP site seed collection and plant salvaging activities; to be performed by Beacon Environmental supporting DNNP planting and habitat creation (as per ESA permitting conditions). Supporting a previous invitation and request to MSIFN, HFN, CLFN and AFN for interest and availability to participate in these site activities.</p> <p>MSIFN has shown primary interest in participation in these activities.</p>	
September 19, 2024	<ul style="list-style-type: none"> <li>Mississaugas of Scugog Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	<p>Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.</p>	
September 19, 2024	<ul style="list-style-type: none"> <li>Hiawatha First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	<p>Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and</p>	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Alderville First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Chippewas of Rama First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Chippewas of Beausoleil First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the	



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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Chippewas of Georgina Island First Nation</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19 2024	<ul style="list-style-type: none"> <li>Kawartha Nishnawbe</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
September 19, 2024	<ul style="list-style-type: none"> <li>Metis Nation of Ontario Region 8</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Mohawks of the Bay of Quinte</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 19, 2024	<ul style="list-style-type: none"> <li>Six Nations of the Grand River</li> </ul>	Email	<ul style="list-style-type: none"> <li>Withdrawal of LTPS Amendment Application</li> </ul>	Application withdrawal to allow CNSC resources to focus on the Darlington New Nuclear Project Licence to Construct to meet the milestones leading to	

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Date	Community	Activity	Discussion Topics	Additional Information	Issues Raised
				the October 2, 2024, and January 2025 CNSC public hearings. OPG will continue to carry out the site preparation activities authorized as part of the current site preparation licence, e.g., providing utilities to the site. OPG will await a decision from the Commission on the licence to construct for the licensed activities under that licence, such as the construction of the Condenser Cooling Water system.	
September 21/22, 2024	<ul style="list-style-type: none"> <li>Curve Lake First Nation</li> </ul>	Pow Wow Sponsorship and Attendance	<ul style="list-style-type: none"> <li>OPG</li> <li>Electricity Generation</li> <li>Nuclear</li> <li>Renewable Generation</li> <li>Jobs/Careers/Training</li> </ul>	OPG sponsored and staffed an information booth at the 2024 Annual CLFN Pow Wow, discussed varying topics related to electricity generation and OPG's role in the energy sector.	

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**3.0 DESCRIPTION OF PLANNED ENGAGEMENT ACTIVITIES**

This IER provides the framework concerning planned engagement activities with Indigenous Nations and communities as it related to DNNP. This plan and associated implementation plans will be updated as necessary to remain current with project developments.

NK054-PLAN-01210-1078158, DNNP Indigenous Engagement Implementation Plan 2023-2024, provides the detailed plan for engagement activities. Appendix A provides an overview of the relationships between the DNNP plans, and OPG governance.

Engagement is primarily led by dedicated DNNP Indigenous Engagement staff, with support of other subject matter experts in the project. OPG’s Indigenous Relations staff engage with Indigenous Nations and communities on matters related to other projects and operations, and they also support DNNP engagement activities.

As engagement continues and the project progresses, areas of interest to Indigenous Nations and Communities will have as a focus any areas identified as having potential impacts to inherent and treaty rights. These include:

- Archeological planning and findings, potential repatriation of artifacts;
- Potential impacts to hunting and other harvesting rights;
- Management of nuclear waste;
- Impacts to the lake and land and the effect on plant, animal, and aquatic species, with particular interest in bio cultural species identified;
- Emissions to air and water, including thermal plume effects;
- Incorporation of the planned Indigenous Knowledge Study (IKS) and ceremony into the project;
- Opportunities for employment, businesses, and investment, e.g., Indigenous Opportunities Network (ION) Program.

**4.0 PROPOSED SCHEDULE FOR INTERIM REPORT TO CNSC**

Currently, CNSC and OPG engage in monthly meetings to discuss OPG operations and projects and how these interact with Indigenous Nations and communities. The DNNP Project is a regular agenda item on this call. The frequency of these contacts can be increased as needed.

OPG will provide updated reports to support Commission Member Documents (CMD) as part of ongoing planned licensing activities.

**5.0 REFERENCES**

- 1, NK054-PLAN-01210-1078158, DNNP Indigenous Engagement Implementation Plan 2023-2024

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**APPENDIX A: Issues and Concerns Table Per Indigenous Nation and Community.**

**Mississaugas of Scugog Island First Nation (MSIFN) - DNNP Issues and Concerns Table: November 2023—September 2024**

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
MSIFN, Independent Benchmarking Review (IBR) review on nuclear waste management and storage.	October 4, 2023	<p>MSIFN identified a need for an International Benchmarking Review of best practices on nuclear waste management and storage led by MSIFN and funded by OPG.</p> <p>The goal of the International Benchmarking Review is to provide MSIFN leadership and citizens with the knowledge and comfort that independent experts may consider OPG as an international leader in the safe interim storage of HLW.</p> <p>Inclusive of this process will be the measuring of products, services, and processes against those of organizations known to be leaders in one or more aspects of their operations.</p> <p>There will be focus on OPG's activities, procedures and</p>	Waste Management and Storage	OPG review of MSIFN request.	See entry of August 29, 2024, below.

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**Darlington New Nuclear Project Indigenous Engagement Report November 2023 to May 2024**

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		policies to protect people, property, society and the environment from harmful effects of ionizing radiation during interim storage.			
MSIFN, Independent Benchmarking Review (IBR)	May 3, 2024	Email from MSIFN with Scope of Work (SOW) for Used Nuclear Fuel, International Benchmark Review (IBR)	Waste Management and Storage	OPG engaged on SOW.	See entry of August 29, 2024, below.
MSIFN, Independent Benchmarking Review (IBR)	May 15, 2024	Meeting to discuss MSIFN IBR.	Waste Management and Storage	Meeting w/MSIFN.	See entry of August 29, 2024, below.
MSIFN, Independent Benchmarking Review (IBR)	June 26, 2024	Meeting held with MSIFN and IBR consultant to review the proposal	Waste Management and Storage	Meeting with MSIFN and consultant.	See entry of August 29, 2024, below.
MSIFN, Independent Benchmarking Review (IBR)	August 16, 2024	MoU signed between MSIFN and OPG.	Waste Management and Storage	OPG providing funding for the report.	See entry of August 29, 2024, below.
MSIFN, Independent Benchmarking Review (IBR)	August 29, 2024	Used Nuclear Fuel IPR Capacity Funding Agreement signed by OPG and MSIFN Chief LaRocca	Waste Management and Storage	Funding agreement signed.	Complete.
MSIFN, Independent Benchmarking Review (IBR)	August 29, 2024	Framework Meeting with MSIFN, potential start date of September 23 and dates for Darlington Waste Facility tour dates for Chiefs.	Waste Management and Storage	Meeting and next steps planning.	Ongoing. A report will be provided from the consultant and shared with OPG and the Michi Saagiig Nations.
DNNP Main Site Preparation, Endangered Species Act &	October 31, 2023	Email from MSIFN with comments, concerns	Species at Risk	Review of MSIFN comments, concerns.	Complete.

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**Darlington New Nuclear Project Indigenous Engagement Report November 2023 to May 2024**

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Beneficial Actions		regarding ESA and BA, e.g., -restoration of Native plant communities with Native seed mix and local genetic plantings; -monitoring plans; -offsite for species to be proximate to site; -need for a BA legal easement or covenant to protect BA.			
DNNP Main Site Preparation, Endangered Species Act & Beneficial Actions	April 16, 2024	Response from OPG to MSIFN with disposition table on comments, concerns.	Species at Risk	Disposition table on concerns, questions, provided.	Complete
ESA Permit Application - Site Preparation Phase for Units 2, 3, 4	February 16, 2024	Email from MSIFN with comments, concerns regarding ESA Permit Application, e.g.,	Environmental Effects	Review of MSIFN comments, concerns.	See entry for February 23, 2024, below.
ESA Permit Application - Site Preparation Phase for Units 2, 3, 4	February 23, 2024	Response from OPG to MSIFN with disposition table on comments, concerns.	Environment Effects	Disposition table on concerns, questions, provided.	Complete
Site Specific Environmental Management Plan	February 23, 2024	Email this date, SSEMP provided to MSIFN (and all Michi Saagiig Nations) for review and comment.	Environmental Effects	Pending MSIFN review.	Pending MSIFN review.
Site Specific Environmental Management Plan	April 3, 2024	Email from MSIFN requesting updating mapping for site.	Environmental Effects	Mapping provided same date.	Pending MSIFN review.
Site Specific Environmental	April 16, 2024	Email from MSIFN with review of draft plan. Topics noted	Environmental Effects	MSIFN review of	Pending OPG disposition of comments.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Management Plan		included but not limited to: -health and safety methodology required from contractor; -regulatory approvals should be whole versus piecemeal; -use of dark approved lighting; -protection of wildlife at site and nesting sites; -water turbidity plans; -air quality and dust monitoring; -stormwater drainage and mitigation of phosphorous leaving site; -notification of vegetation clearing and spill reporting.		SSEMP with comments.	
Site Specific Environmental Management Plan	May 6, 2024	Email from OPG to MSIFN, disposition table based on comments sent.	Environmental Effects	Response to MSIFN comments.	Complete.
DNNP Species at Risk (SAR) Management Plan	March 1, 2024	Email from MSIFN with review of draft plan. Topics noted included but not limited to: -soil pile impacts to SAR such as bank swallows; -plans to update living document; -suitability, viability of constructed wetlands planned for site; -invasive species management plan.	Species at Risk	OPG to respond to questions, concerns with disposition table.	See entry for August 26, 2024, below.



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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
DNNP Species at Risk (SAR) Management Plan	August 26, 2024	Response to MSIFN from OPG.	Environment.	Disposition table provided re: questions, comments.	Complete
Climate Change Risk Treatment Phase 1	April 2, 2024	Response to MSIFN from OPG.	Nuclear Safety	Disposition table provided re: questions, comments.	Complete.
Climate Change Risk Treatment Phase 1	April 3, 2024	Additional document provided to MSIFN on subject.	Nuclear Safety	N/A	Complete.
Climate Change Risk Treatment Phase 2	April 4, 2024	Email from MSIFN, comments, questions on Phase 2 document, e.g., -rationale as to why only unit 1 considered, all potential SMRs on site should be considered; -consider edits to Phase 1 based on MSIFN inputs; -OPG should consider use of Intergovernmental Panel of Climate Change (IPCC) and municipal Partners for Climate Change (PCC) to obtain and deploy most current climate change information; -more detail on risk monitoring plans;	Nuclear Safety	Formulate response to MSIFN comments, questions.	See entries for May 17, 2024, and July 17, 2024, below.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		-methodology on wind and lake level increases.			
Climate Change Risk Treatment Phase 2	May 29, 2024	Response to MSIFN from OPG.	Nuclear Safety	Disposition table provided re: questions, comments.	Complete.
Climate Change Risk Treatment Phase 2	July 17, 2024	MSIFN made a request that CNSC should be aware that discussions between the DNNP climate change team and the Mississauga Nations as ongoing.	Nuclear Safety	Confirmed by OPG Regulatory Affairs this date.	Complete.
Shoreline Protection	March 25, 2024	Email from MSIFN indicating the need for a third-party to review OPG's Shoreline Protection plan (70%).	Environmental Effects	Meeting set with MSIFN.	N/A
Shoreline Protection	May 27, 2024	Meeting between MSIFN, consultant and OPG to set scope of work.	Environmental Effects	Review undertaken.	Pending completion of review by third party.
Shoreline Protection	June 17, 2024	Meeting between MSIFN, consultant and OPG to review questions related to review,	Environmental Effects	To respond with disposition table based on feedback.	OPG reviewing feedback for disposition table.
Shoreline Protection	July 6, 2024	Third party review of OPG 70% plans on shoreline protection. Issues to address included, among others: -inclusion of national and international regulatory documents and	Environmental Effects	To respond with disposition table based on feedback.	In process.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		<ul style="list-style-type: none"> <li>guides on the subject;</li> <li>-more information relating to external hazards, e.g., flooding, erosion;</li> <li>-more recent habitat studies;</li> <li>-impacts to spawning from use of armour stone in shoreline protection;</li> <li>-any incorporation of Indigenous Knowledge;</li> <li>-status of borehole studies;</li> <li>-CLOCA regulatory limit re: storm for hazard areas;</li> <li>-impact from wind and storm damage;</li> <li>-inclusion of severe, low probability events, e.g., tsunamis.</li> </ul>			
Shoreline Protection	July 25, 2024	Email notification from OPG of disposition table completion and related materials.	Environmental Effects	Disposition table in response to third party report.	Disposition table completed; 90% draft plan provided. Some questions outstanding.
Shoreline Protection	September 20, 2024	Questions outstanding from disposition table completed.	Environment Effects	Action to complete disposition table.	Complete.
Preliminary Hydrogeological Investigation, DNNP Units 2—4.	August 16, 2024	Request for disposition on various questions from MSIFN received, including: <ul style="list-style-type: none"> <li>-status of abandoned</li> </ul>	Environmental Effects	OPG action to provide disposition table.	In process.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		boreholes at the site; -water level monitoring dates in 2024 and monitoring beyond these dates; -ground water controls; -contractor to be used for dewatering and disposition of removed water; -length of construction season required for work—limited or ongoing? -contractor design for excavation work and support system.			
DNGS Dock Dredging and Disposal of Dredged Materials	August 29, 2024	Received questions, concerns related to DNGS dock dredging, including but not limited to: -access to pre-dredging and hydro surveys; -time frame of dredging; -chosen waste disposal option; -use of turbidity curtain; -waste process monitoring; -fish rescue plan; -erosion/sediment control plan.	Environmental effects.	OPG to provide response tables.	See entry of August 30, 2024, below.
DNGS Dock Dredging and Disposal of	August 30, 2024	OPG provided response table on	Environmental effects.	Response table	Complete.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Dredged Materials		MSIFN comments, concerns.		provided to MSIFN.	

### Hiawatha First Nation (HFN) - DNNP Issues and Concerns Table

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Endangered Species Act, Permit to Take Water, Stormwater Management	March 5, 2024	<p>Email with concerns, questions related to the three subjects, which included but were not limited to:</p> <p>ESA -restoration of bat habitat simultaneous to ground prep activities; optimal roosting alternative for bars; noise monitoring; impacts to insects; incorporation of ceremony in work.</p> <p>PTT -monitoring of water quality during discharge -notification of contamination if present; -low water data from MNRF should be incorporated into permit; -other PTTs on same watershed?</p>	Species at Risk, Environmental Effects	OPG to provide response tables.	See entries for March 27 and April 4 below.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		SWM -plans to deal with invasive species resulting from plans; -low impact development designs preferred; -reporting regime for SWM.			
Endangered Species Act, Permit to Take Water, Stormwater Management	March 27, 2024	Permit to Take Water	Species at Risk, Environmental Effects	OPG contractor WSP provided disposition table.	Complete
Endangered Species Act, Permit to Take Water, Stormwater Management	April 4, 2024	Endangered Species Act	Species at Risk, Environment Effects	OPG provided disposition table.	Complete
Endangered Species Act, Permit to Take Water, Stormwater Management	April 4, 2024	Stormwater Management	Species at Risk, Environmental Effects	OPG provided disposition table.	Complete
Shoreline Restoration and Aquatic Assessment	April 18, 2024	HFN concerns, questions re: Shoreline Restoration and Aquatic Assessment, e.g., take into account ice covering impacted by climate change; -control of turbidity release; -offsetting and restoration plans;	Environmental Effects	OPG to provide disposition table.	See entry for July 30, 2024, below.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		-alternatives to rip rap and possible material contamination and sandy soils; -plans for vegetative cover; replacement ratios for trees and vegetative growth.			
Shoreline Restoration and Aquatic Assessment	July 30, 2024	Email to HFN with disposition table.	Environmental Effects	OPG provided disposition table.	In progress; additional questions cited.
Shoreline Restoration and Aquatic Assessment	September 20, 2024	Additional questions from HFN.	Environmental Effects	OPG to provide answers to remaining pending questions.	Complete
Beneficial Action Area and Environmental Monitoring and Environmental Assessment Follow Up (EMAEF), inclusive as well of Shoreline Protection and existing aquatic studies and impacts.	May 6, 2024	<p>HFN response to OPG's Beneficial Action Area plans re: EMAEF.</p> <p>HFN review OPG's plans and identified a series of topics to be addressed. These included, but were not limited to:</p> <ul style="list-style-type: none"> <li>-management of algae hazards;</li> <li>-minimum thresholds on various subjects, e.g., silt and sediment transportation;</li> <li>-updated bird diversity and</li> </ul>	Environmental Effects, Environmental Monitoring	OPG undertook an action provide a response table to the questions raised by HFN.	See entry for August 19, 2024, below.

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**Darlington New Nuclear Project Indigenous Engagement Report November 2023 to May 2024**

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		density as per improved temporal monitoring; -impact of noise pollution; -bank swallow alternative habitat update; -near-shore fish sampling sites; -bat survey data; -planned use of Native grasses and wildflowers in planting plan.			
Beneficial Action Area and EMAEF (as above)	August 19, 2024	OPG response to HFN with disposition table on identified issues.	Environment Effects, Environmental Monitoring	Disposition table provided.	Complete.
Benthic Study for Darlington Nuclear Generating Station Dock area re: DNGS Dock Dredging	May 16, 2024	Identified as a concern by HFN at WTFN meeting on May 16, 2024. Concerns on impact to aquatic environment; past surveys on benthic and related species may not be current. DFO had not prescribed this as a required activity and there are no species at risk in the harbour area.	Environmental Effects		Pending.
Benthic Study for Darlington	June 27, 2024	HFN and 4 Directions	Environmental Effects	OPG to review 4	Dredging and benthic study



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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Nuclear Generating Station Dock area re: DNGS Dock Dredging		proposed a way forward using eDNA sampling, which may suffice current and future study needs. 4 Directions stated that there are technological solutions to monitoring and studies which are cost-effective and timelier than many current practices.		Direction proposal.	deferred to spring, 2025.

**Curve Lake First Nation (CLFN) - DNNP Issues and Concerns Table**

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Butternut Environmental eDNA Hybridization Survey	November 30, 2023	Report provided by CLFN on subject.  4 Directions on behalf of CLFN conducted a eDNA survey of two butternut trees on the SMR site prior to their removal.  One tree was found not to be a hybrid and provided sufficient eDNA for subsequent laboratory review.  Various birds and turtle	Species at Risk	The Mississaugas of Scugog Island First Nations and Hiawatha First Nation and expressed interest in receiving the felled butternut wood. OPG is working with its contractor to make delivery.	In progress.

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**Darlington New Nuclear Project Indigenous Engagement Report November 2023 to May 2024**

		species were observed at the site; OPG was informed of the biodiversity and urged to maintain it.			
Butternut Environmental eDNA Hybridization Survey	February 5, 2024	Email from CLFN indicating availability for eDNA estimate site visit on February 16, 2024.	Species at Risk	N/A	N/A
Butternut Environmental eDNA Hybridization Survey	February 16, 2024	Site visit.	Species at Risk	OPG reps accompanies CLFN reps on-site.	Complete.
Butternut Environmental eDNA Hybridization Survey	August 30, 2024	Follow-up on interest by HFN and MSIFN on receiving felled butternut wood.	Species at Risk	OPG working with contractor and HFN, MSIFN on final disposition of felled wood.	Contractor coordinating with HFN and MSIFN for delivery of wood in September.
Endangered Species Act, Permit to Take Water, Stormwater Management	March 5, 2024	Email with concerns, questions related to the three subjects, which included but were not limited to:  ESA -restoration of bat habitat simultaneous to ground prep activities; optimal roosting alternative for bars; noise monitoring; impacts to insects; incorporation of ceremony in work.	Species at Risk, Environment Effects	OPG to coordinate response tables.	See entries for March 27 2024, and April 4, 2024, below.

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		<p>PTT</p> <ul style="list-style-type: none"> <li>-monitoring of water quality during discharge</li> <li>-notification of contamination if present;</li> <li>-low water data from MNRF should be incorporated into permit;</li> <li>-other PTTs on same watershed?</li> </ul> <p>SWM</p> <ul style="list-style-type: none"> <li>-plans to deal with invasive species resulting from plans;</li> <li>-low impact development designs preferred;</li> <li>-reporting regime for SWM.</li> </ul>			
Endangered Species Act, Permit to Take Water, Stormwater Management	March 27, 2024	Permit to Take Water	Species at Risk, Environment Effects	OPG contractor WSP provided disposition table.	Complete
Endangered Species Act, Permit to Take Water, Stormwater Management	April 4, 2024	Endangered Species Act	Species at Risk, Environment Effects	OPG provided disposition table.	Complete
Endangered Species Act, Permit to Take Water, Stormwater Management	April 4, 2024	Stormwater Management	Species at Risk, Environment Effects	OPG provided disposition table.	Complete

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**Alderville First Nation (AFN) - DNNP Issues and Concerns Table**

<b>Issue/Concern</b>	<b>Date</b>	<b>Reference</b>	<b>Theme</b>	<b>OPG Response</b>	<b>Status/Mitigation</b>
Marine Archaeology	February 20, 2024	Email from Alderville, inquiry to ensure that this subject had been adequately reviewed, re: underwater archaeology reports developed for the loop tunnel.	Archaeology.	To provide updated materials.	See entry for March 13, 2024, below.
Marine Archaeology	March 13, 2024	As above.	Archaeology	OPG provided an update on the subject and project materials on March 13, 2024. This was also shared with representatives from all Michi Saagiig Nations.	Complete
Offsetting and Restoration	June 13, 2024	Email received from Alderville First Nation with questions and concerns pertaining to June 11, 2024 Offsetting and Restoration planning meeting held with WTFN. Questions included but were not limited to: -compensation ratios for SAR trees; -biocultural trees species noted in	Offsetting and Restoration	Formulation of response table.	See entry for July 8, 2024, below.

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Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
		assessments at DNNP site; -nurseries to be used for plantings; -seed zones to be utilized in plans; -baseline data used to determine aquatic offsets and terrestrial restoration; -other growth to be included in restoration, e.g., shrub types' -aquatic offset calculations.			
Offsetting and Restoration	July 8, 2024	Disposition table on questions and concerns to Alderville First Nation.	Offsetting and Restoration	Disposition table provided.	Complete

### Metis Nation of Ontario Region 8 - DNNP Issues and Concerns Table

Issue/Concern	Date	Reference	Theme	OPG Response	Status/Mitigation
Follow-up on outstanding EIS questions from intervention re: status of site preparation for 1-4, archaeological protocol, environmental monitoring plans, climate change planning, socio-economic overview.	March 13, 2024	Email requesting meeting.	EIS Intervention	Presentation during meeting by various OPG SME based on topics: Preparation of Sites 1-4, archaeological protocol, environmental monitoring plans, climate change planning, socio-economic overview.	Complete
Action item from March 13, 2024, meeting re:	April 11, 2024	Follow-up meeting to discuss	Environmental Monitoring	Draft agenda discussed.	Pending confirmation of

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environmental monitoring.		potential site tour in the fall for staff and council.			details with MNO 8.
Action item from March 13, 2024 meeting re: environmental monitoring.	June 10, 2024	Follow-up meeting to discuss potential site tour in the fall for staff and council.	Environmental Monitoring	Updated draft agenda discussed.	MNO 8 staff subsequently revised request to a spring 2025 site visit, August 13, 2024.
10 Year Overview of Nuclear Projects at OPG.	June 10, 2024	Response to request by email on April 16, 2024, to hold this meeting.	Nuclear Activities.	Presentation during meeting by various OPG SME based on topics: Pickering Refurbishment, DNNP status, waste management and storage across sites, medical isotopes.	Complete
Shoreline Protection and Circulating Cooling	June 25, 2024	Response to email from OPG offering to meet on these subjects from May 9, 2024.	Environmental Effects	Discussed the basis of current design and environmental impact mitigation measures with OPG SMEs.	Complete

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### APPENDIX B: POLICY AND PLAN HEIRARCHY

