



# Gentilly-1 Waste Facility Decommissioning Public Communications Supplementary Report (2023 January-2026 February)

**61-513000-REPT-011931**

## Revision 0

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**Revision History**

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## 1. Land Acknowledgement

Canadian Nuclear Laboratories (CNL) operates on sites located on the traditional lands, waterways and ceded and unceded territories of Indigenous peoples. CNL recognizes and affirms all First Nations, Métis communities, and Inuit in this land we now know as Canada.

We acknowledge, respect and seek to better understand Indigenous history, rights and title on the lands where we work and develop projects.

We honour and respect the importance of the relationship between Indigenous Peoples and their lands, waters, and territories.

*Les Laboratoires nucléaires canadiens (LNC) exercent leurs activités sur des sites situés sur les terres traditionnelles, les voies navigables et les territoires cédés et non cédés des peuples autochtones. LNC reconnaît et affirme toutes les Premières Nations, les communautés Métis et les Inuits sur ces terres que nous connaissons aujourd'hui sous le nom de Canada.*

*Nous reconnaissons, respectons et cherchons à mieux comprendre l'histoire, les droits et les titres des peuples autochtones sur les terres où nous travaillons et développons des projets.*

*Nous honorons et respectons l'importance de la relation entre les peuples autochtones et leurs terres, leurs eaux et leurs territoires.*

## 2. Purpose

This document describes how CNL is engaging with the public, local elected officials, and other interested parties on the Gentilly-1 Waste Facility (G1WF) decommissioning.

In support of CNL's application to amend its Waste Facility Decommissioning Licence for the G1WF, this document is one of several documents forming the Commission Member Document (CMD) submitted to the Canadian Nuclear Safety Commission (CNSC) for the licence amendment hearing process.

## 3. Background

The Gentilly-1 Nuclear Generating Station, known as the Gentilly-1 Waste Facility (G1WF), in Bécancour, Québec, operated intermittently from 1972 to 1978. A decommissioning program was initiated in 1984 to bring the facility to a safe shutdown state. Since then, the reactor has remained safely shut down, and the facility has been in a state of safe, long-term storage with ongoing monitoring, known as storage with surveillance. Operations at the site are conducted under a Waste Facility Decommissioning Licence issued to Canadian Nuclear Laboratories (CNL) by the Canadian Nuclear Safety Commission (CNSC). The initial decommissioning was completed in the 1980s, when the fuel was removed and put into dry storage on site.

The Gentilly site is located in the traditional territory of the W8banaki Nation. The Odanak community is approximately 60 kilometres from the G1WF and the Wôlinak community is within 15 km of the G1WF. The Gentilly site is also located in the traditional territory of the Wendat Nation. The community of Wendake is located around 140 km northeast of the G1WF.

Currently, CNL manages the partially decommissioned facility as a licensed waste facility – the G1WF.

The G1WF is owned by Atomic Energy of Canada Limited (AECL). AECL, as a federal Crown corporation, has a mandate to enable nuclear science and technology and manage Canada's radioactive waste and decommissioning responsibilities. It fulfils this mandate through a contractual arrangement with CNL for the management and operation of AECL's sites, facilities and assets and the performance of AECL's waste and decommissioning responsibilities under a Government-owned, Contractor-operated (GoCo) model.

As noted above, AECL has contracted CNL to manage and operate its sites, including the G1WF. The facility is adjacent to the Gentilly-2 nuclear generating station, which was shutdown in 2012. Hydro-Québec owns the Gentilly-2 facility and the land on which both facilities are located.

CNL plans to complete the decommissioning of the G1WF by removing all buildings, structures, and waste from the site. As a first step to obtain regulatory permission fulfil this goal, CNL applied to the CNSC on 2024 July 17 to amend the current licence [1].

In 2025 the CNSC announced a public hearing in writing for 2026 July to consider CNL's application to amend the Waste Facility Decommissioning Licence for the G1WF. The amendment would authorize CNL to proceed with decommissioning all remaining buildings and structures at the site to achieve a brownfield end state.

In addition to this licensing process, the proposed decommissioning activities also required a federal lands assessment under the Impact Assessment Act (IAA). Information on this process, including feedback from Indigenous Nations, is found in the Environmental Protection Measures Report for Phase 3 Decommissioning [2].

#### **4. Scope**

In alignment with CNL's Public Information Program (PIP) [3], CNL's engagement with the public and Indigenous Nations in the G1WF region began in 2023, focussing on public and Indigenous peoples awareness around CNL's plans to decommission the G1WF and the regulatory processes required to complete this work. CNL's engagement also emphasizes opportunities for participation in regulatory processes and provide input into CNL's decommissioning plans.

This supplementary report outlines this engagement leading up the licence amendment hearing: 2023 January to 2026 February.

CNL's PIP is aligned with the requirements in CNSC regulatory documents: REGDOC-3.2.2 Indigenous Engagement [4] and REGDOC-3.2.1, Public Information and Disclosure [5]. This reflects CNL's commitment to recognizing the constitutional rights and interests of local Indigenous Nations, communities, and organizations through ongoing learning about their values and interests.

## **5. Public Communications and Engagement**

CNL is committed to making information about G1WF accessible to all interested parties. All publications include an invitation to contact CNL, and the corporate website provides contact details in multiple locations. A toll-free phone line is also maintained and monitored. Inquiries received through these channels are tracked and reviewed to identify trends.

In addition to the standard communication channels described throughout this report, CNL implemented several targeted methods to encourage feedback and dialogue. These included a public information session, which offered updates on the Gentilly-1 decommissioning and provided a forum for participants to share interests, concerns, and questions. CNL also issued informative emails about the licensing process and the notice of intent, distributed to all interested parties.

CNL shared information about the G1WF with the public through a variety of outreach activities, including webinars, media releases, municipal presentations, the corporate website, social media accounts, and participation in community events. CNL also attended municipal council meetings and maintains ongoing discussions with local elected representatives.

CNL participated in a variety of industry events, including the Canadian Nuclear Association (CNA) conference, multiple Canadian Nuclear Society events, CNA Hill day, and other technical conferences where participants engaged in discussions on the Gentilly-1 decommissioning, Fuel Consolidation Project, and the licence amendment application and regulatory process that would authorize CNL to proceed with decommissioning activities.

Section 5.1 lists individual engagement activities along with a description of the method of engagement.

### **5.1 Presentations, Conferences, Meetings, Site Tours and Open Houses**

CNL uses presentations and meetings to help inform, educate and update on G1WF decommissioning.

These presentations and open houses provide an opportunity for a general overview of the G1WF current status, planned decommissioning activities, and facilitated information sharing for CNL employees, the public, and interested parties. These engagement activities are used as one of several means of engaging and have induced discussion that help to inform the project throughout the regulatory process. No public in-person tours have been conducted during the duration of this reporting period, though CNL has toured media through the facility to ensure transparency.

Webinar sessions provided opportunity for members of the public to ask their questions directly to the staff members taking part in the webinar through an online forum. Webinars were conducted in French, with English interpretation available. The recordings of these webinars were uploaded to CNL YouTube channel after broadcast, in both official languages.

Table 5-1 provides a list of the engagement activities related to the G1WF decommissioning.

See Appendix A for an example of a typical meeting agenda.

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See Appendix B for an example of a general overview presentation.

Records of meeting agendas and presentations can be provided upon request.

**Table 5-1: G1WF Communications and Engagement Activities**

Date	Activity	Description	Relevant comments/feedback
2023 April 26	Meeting with the Québec minister of Energy's political advisors	Shared overview of G1WF and introduction of CNL/AECL	<p>Questions responded to during the meeting included:</p> <ul style="list-style-type: none"> <li>• What is the volume of waste transported to Chalk River?</li> <li>• Are the bundles part of the waste that will be transported to Chalk River?</li> <li>• Who will pay for the decommissioning?</li> <li>• How will the fuel be transported?</li> </ul>
2023 May 01	Meeting with constituency office staff: Nicolet-Bécancour riding and Trois-Rivières	Shared overview of G1WF and introduction of CNL/AECL	<p>Questions responded to during the meeting included:</p> <ul style="list-style-type: none"> <li>• How many security guards are on site?</li> <li>• What will the work on the Gentilly site look like over the next few years? It will be important to talk to each other, to ensure cohesion and exchange of information with what's going on in the Bécancour industrial park. There's also the possibility of congestion on Highway 30. Who will pay for the decommissioning?</li> <li>• Is there a big overlap between what's going to be done between G-1 and the work that will follow at G-2?</li> </ul>

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Date	Activity	Description	Relevant comments/feedback
2023 May 04	Participated in meeting of the joint municipality-industry committee: Comité mixte municipal industriel (CMMI) de Bécancour	Shared overview of G1WF and introduction of CNL/AECL	Questions responded to during the meeting included: <ul style="list-style-type: none"> <li>• How will transportation work? Will it be overland?</li> </ul>
2023 May 04	Meeting with regional offices of federal Bloc Québécois Members of Parliament	Shared overview of G1WF and introduction of CNL/AECL	Questions responded to during the meeting included: <ul style="list-style-type: none"> <li>• As for nuclear waste, is it stored here, at the Gentilly-2 facility?</li> <li>• Is the waste stored at Chalk River underground or above ground?</li> <li>• Is there a lot of transportation of radioactive waste in Canada?</li> </ul>
2023 May 10	Meeting with constituency office – Riding of Saint-Maurice-Champlain	Shared overview of G1WF and introduction of CNL/AECL	_____
2023 June 06	Meeting with local municipal officials from Bécancour, Trois-Rivières, Champlain, MRC Bécancour	Shared overview of G1WF and introduction of CNL/AECL	Questions responded to during the meeting included: <ul style="list-style-type: none"> <li>• What led to the decommissioning of G-1?</li> <li>• Was the heavy water used at G-1 related to the LaPrade plant?</li> <li>• Does CNL own LaPrade?</li> </ul>
2023 June 06	Meeting with staff from the Conseil régional en environnement du Centre-du-Québec	Shared overview of G1WF and introduction of CNL/AECL	_____

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Date	Activity	Description	Relevant comments/feedback
2023 June 06	Meeting with Mayor and staff from the City of Bécancour	Shared overview of G1WF and introduction of CNL/AECL	<p>Questions responded to during the meeting included:</p> <ul style="list-style-type: none"> <li>• You said that the timetable depended on the CNSC, but all this can be done over a year?</li> <li>• The various radioactive materials have to be well protected, I imagine.</li> <li>• At this point, are there any meetings planned with the public? Will you be meeting people in Champlain? Trois-Rivières? Or within an 8 km radius?</li> </ul>
2023 June 07	Meeting with Directions régionales des ministères Société du parc industriel et portuaire de Bécancour	Shared overview of G1WF and introduction of CNL/AECL	<p>Questions responded to during the meeting included:</p> <ul style="list-style-type: none"> <li>• You said that the timetable depended on the CNSC, but all this can be done over a year?</li> <li>• The various radioactive materials have to be well protected, I imagine.</li> <li>• At this point, are there any meetings planned with the public? Will you be meeting people in Champlain? Trois-Rivières? Or within an 8 km radius?</li> </ul>

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Date	Activity	Description	Relevant comments/feedback
2023 June 13	Meeting with representatives from environmental groups, including the Rally Against Radioactive Pollution, Regroupement national des Conseils régionaux en environnement du Québec (RNCREQ), Action Environnement Basses Laurentides, Coalition Vigilance Oléoducs (CoVO)	Shared overview of G1WF and introduction of CNL/AECL	<p>Questions responded to during the meeting included:</p> <ul style="list-style-type: none"> <li>• We seem to be dismantling most of the buildings, but what do we do with the central reactor, which comprises a sealed shell containing the radioactive materials?</li> <li>• Is the metal casing inside also currently radioactive? Will it have to be dismantled?</li> <li>• So, what are you using to proceed? Robotic equipment? Can humans enter the facility at this stage?</li> <li>• What about particulate radioactivity inside the fuselage? What about debris and particulate matter inside?</li> <li>• What was the purpose of prototype reactors like G-1?</li> <li>• What was the power rating of the G-1 reactor?</li> <li>• What exactly are your current methodologies for particulate matter inside the reactor?</li> <li>• Do you carry out these characterizations in situ, in the reactor?</li> <li>• Is there a big difference between the radioactivity of G-1 and G-2 waste?</li> <li>• What measures will you be taking to protect the river's water?</li> </ul>

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Date	Activity	Description	Relevant comments/feedback
2023 June 14	Meeting with Conseil régional en environnement de la Mauricie	Shared overview of G1WF and introduction of CNL/AECL	_____
2023 June 14	Meeting with la Société du parc industriel et portuaire de Bécancour	Shared overview of G1WF and introduction of CNL/AECL	_____
2023 June 22	Chalk River Laboratories (CRL) Environmental Stewardship Committee (ESC) <sup>1</sup> meeting	Presentation on CNL's operations and activities included overview information on the G1WF	<p>Questions answered in the meeting included the following:</p> <ul style="list-style-type: none"> <li>• For G1, do you believe a prompt or deferred decommissioning strategy is most appropriate?</li> <li>• What is the timeline for G1 decommissioning?</li> </ul> <p>Relevant Actions:</p> <ul style="list-style-type: none"> <li>• Provide further information at the next ESC meeting on the licensing process and timeline.</li> <li>• Provide more information on waste characterization and the waste transported from several CNL-managed sites, including G1WF.</li> </ul> <p>These two actions were addressed in the 12 October 2023 ESC meeting.</p>

<sup>1</sup> The Chalk River Laboratories' Environmental Stewardship Council (ESC) was established in 2006, and meets three times annually. [The objective of the ESC](#) is to build working relationships and create opportunities for open dialogue between various stakeholder groups, local communities and CNL. During regularly scheduled meetings ESC members are presented with information about CNL, our environmental practices, and are given the opportunity to ask questions and discuss the information presented. More information on the ESC, including the meeting agendas and notes, is available at [www.cnl.ca/esc](http://www.cnl.ca/esc).

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Date	Activity	Description	Relevant comments/feedback
2023 August 03	Meeting with political advisors from the Office of the minister of Environment and Climate change and Office of the Minister of Energy and Natural Resources	Shared overview of G1WF and introduction of CNL/AECL	_____
2023 October 12	CRL ESC meeting	Presentation during committee addressed the following actions from the June 2023 meeting: CNL to provide the ESC members with the timeline for the G1 decommissioning and licensing process and for CNL to provide more information on the waste characterization and the waste transported from several CNL-managed sites, including G1WF	_____
2024 February 26	Meeting with staff from the Ministry of the Environment, the Fight Against Climate Change, Wildlife and Parks	Shared overview of G1WF and introduction of CNL/AECL	_____
2024 March 21	CRL ESC meeting	Presentation on CNL's operations and activities included information on the G1WF	<p>Questions responded to during the meeting included:</p> <ul style="list-style-type: none"> <li>• Regarding the canisters at AECL, Whiteshell, and G1 sites, is there internal monitoring of the canisters?</li> <li>• Given NSE basket container to transport from AECL sites – why is CNL going with a modified used fuel from Whiteshell?</li> <li>• What is the name of the package type for G1? Why is it different from Whiteshell?</li> </ul>

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Date	Activity	Description	Relevant comments/feedback
2024 March 26	Public and Indigenous mail out	Mailed out ~10,000 pamphlets describing the G1WF, CNL's proposed decommissioning and CNL/AECL  This included contact information for CNL, invitation to the webinar encouraging recipients to share comments and questions	_____
2024 March 27	Email to: staff of the Québec Environment minister, staff of the Québec Energy minister, staff of the city of Bécancour, staff of the city of Trois-Rivières, staff of the city of Champlain, office of the region Members of National Assembly (MNA), office of the region Members of Parliament (MP), environment groups, La Société du parc industriel et portuaire de Bécancour (SIPB), Québec public servant in relevant department	Announcement of the information session on 2024 April 09	_____
2024 April 09	Public Information Session	Hosted in person information session in Bécancour where members of the public could learn about the project and discuss with members of the project team and subject matter experts <sup>2</sup>	_____

<sup>2</sup> See CNL's media release for details on this Public Information Session: [Transparency & Action: The latest in CNL's public engagement for the Gentilly-1 Decommissioning Project - Canadian Nuclear Laboratories.](#)

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Date	Activity	Description	Relevant comments/feedback
2024 April 09	Public Webinar	Hosted public webinar on Zoom in French (English interpretation was available), which was advertised widely throughout the surrounding region and in the vicinity of CNL's main site – Chalk River Laboratories. This event had more than 100 unique viewers and the recording was posted on YouTube <sup>3</sup>	Webinar questions included interest in the different levels of waste at the facility and the disposition of this waste, Indigenous relations, how the facility would be dismantled, and staffing for the facility and its decommissioning.  CNL responded to all questions during the webinar or in a follow-up email.
2024 April 09	CBC Radio Canada media coverage	CBC Radio Canada produced a video journal discussing the Gentilly-1 decommissioning approach and what is to come, as well as an article following the updates of the webinar and public information session  The CBC interviewed CNL for the article <sup>4</sup>	_____
2024 April 10	Meeting with the industrial commissioner for the city of Bécancour	Shared overview of G1WF and introduction of CNL/AECL	_____
2024 July 29	Email to staff of the Québec Environment minister, staff of the Québec Energy minister, staff of the city of Bécancour, staff of the city of Trois-Rivières, staff of the city of Champlain, office of the region MNAs, office of the region MPs, environment groups, SPIB, Québec public servant in relevant department	General communication by email about the project and next steps	_____

<sup>3</sup> See CNL's YouTube recording of this webinar in French: <https://youtu.be/dspKGjahnTU?si=xmP8v-mAvqaKOUZc> and English <https://youtu.be/nf-msOj4J7Y?si=W7k5EoSdtveMDCf>.

<sup>4</sup> See article here: [Des séances d'information pour le démantèlement de Gentilly-1 | Radio-Canada.](#)

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Date	Activity	Description	Relevant comments/feedback
2024 August 22	Virtual meeting with the Deputy Chief of Staff, and the Political Advisor to the Quebec Minister of the Economy, Innovation and Energy, the Assistant Deputy Minister of Energy and the Director of Renewable Electricity Development	Shared overview of G1WF and introduction of CNL/AECL	Questions responded to during the meeting included: <ul style="list-style-type: none"> <li>• What is your link to and involvement with Gentilly-2?</li> <li>• Who owns LNC? Are you private? What's your model?</li> <li>• Is the fuel transport project related to the NWMO?</li> <li>• How will the fuel be transported?</li> </ul>
2024 October 29	CNL Webinar for first responders: Ensuring Safety in Motion	CNL's Off-Site Emergency Preparedness for Radioactive Materials Shipments	_____
2024 October 31	CRL ESC meeting	Presentation on CNL's operations and activities included information on the G1WF	Questions responded to during the meeting included: <ul style="list-style-type: none"> <li>• What is the volume coming from Gentilly-1?</li> </ul>
2024 December 11	Virtual meeting with CPC member of the Standing Committee on Environment and Sustainable Development	High-level presentation of CNL's operations and activities including G1WF, NSDF and fuel consolidation	_____
2024 December 19	Holiday greeting email/mailout	Sent a holiday greeting electronically and by post to ~10,000 addresses in Indigenous and non-Indigenous communities around the facility, indicating CNL's interest and availability to discuss operations in the region	_____
2025 January 28	In-person meeting with Conservative Party of Canada (CPC) MP from Quebec City area	High-level presentation of CNL's operations and activities including G1WF, and NSDF	Question responded to during meeting: <ul style="list-style-type: none"> <li>• Could Gentilly-2 be started up again?</li> </ul>
2025 January 28	In-person meeting with Quebec Liberal Party MNA and Energy critic	High-level presentation of CNL's operations and activities including G1WF, and NSDF	Question responded to during meeting: <ul style="list-style-type: none"> <li>• Why was G1WF built?</li> </ul>

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Date	Activity	Description	Relevant comments/feedback
2025 January 19	In-person meeting with Quebec Solidaire MNA and Energy critic	High-level presentation of CNL's operations and activities including G1WF, and NSDF	Question responded to during meeting: <ul style="list-style-type: none"> <li>Where will waste from G1WF go?</li> </ul>
2025 March 17	The Park in 30 Minutes – interview on Gentilly-1 Decommissioning Project	Discussed the project on local radio <sup>5</sup>	_____
2025 March 25	CRL ESC meeting	Presentation on CNL's operations and activities included information on the G1WF	Questions answered during the meeting include: <ul style="list-style-type: none"> <li>High level waste shipments, are you planning on putting G-1 waste in canisters and do you have enough?</li> </ul>
2025 April 16	In person meeting with City of Gatineau (former Mayor of Gatineau)	Presentation and updates on the Gentilly-1 decommissioning, Fuel Consolidation, and the Near Surface Disposal Facility (NSDF)	_____
2025 April 16	In person meeting with City of Gatineau (Councillor for Pointe-Gatineau)	Presentation and updates on the Gentilly-1 decommissioning, Fuel Consolidation, and the Near Surface Disposal Facility (NSDF)	_____
2025 May 5	Mail out: invitation to Public Information Session	Posted ~10,000 invitations to Public Information Session to citizens and Abenaki communities of Odanak and Wolinak	_____
2025 May 14	Public information session on the decommissioning of the Gentilly-1 and Gentilly-2 facilities	Co-hosted well-advertised public information session in Bécancour with project information and subject matter experts. More than 50 people attended <sup>6</sup>  Responded to several media outlets around the same time	_____

<sup>5</sup> See this link to listen to the interview: <https://www.via905.fm/au-moins-500-pour-demanteler-de-gentilly-1>.

<sup>6</sup> See this link to view CNL media release on the event: [Public Information Session on Gentilly-1 and Gentilly-2](#).

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Date	Activity	Description	Relevant comments/feedback
2025 May 27	Communication: Gentilly-1 Decommissioning – Notice of Hearing in Writing and capacity available through the CNSC Participant Funding Program	Emailed Indigenous Nations and stakeholders the CNSC's Notice of Hearing in Writing	_____
2025 May 29 to 31	Federation of Canadian Municipalities Conference	Participated in the Federation of Canadian Municipalities Conference, which brought together over 2,000 elected officials and municipal leaders from across Canada  CNL hosted a booth at the trade show to support national-level engagement and raise awareness of its mission—amongst other topics—and the Gentilly-1 decommissioning and fuel consolidation and transportation	_____
2025 August 05	Visit to the Canadian Nuclear Laboratories site in Chalk River by representatives of the Quebec Ministry of Economy, Innovation, and Energy	Hosted the Assistant Deputy Minister, Director of Renewable Energy Development, Policy Advisor for a tour and information sharing visit at the G1WF	_____
2025 August 12	Communication: Results of the Independent Environmental Monitoring Program at the Gentilly-1 site	Emailed results of CNSC IEMP	_____

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[Decommissioning draws strong community engagement - Canadian Nuclear Laboratories.](#)

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Date	Activity	Description	Relevant comments/feedback
2025 October 23	CRL ESC meeting	<p>Presentation on CNL's operations and activities included information on the G1WF</p> <p>The update noted that CNL successfully completed the transfer of all used nuclear fuel from Gentilly-1 Waste Management Facility to the Chalk River Laboratories site utilizing the OPTIMUS-H package. The update also noted the G-1 Fuel Consolidation Project was completed safely and ahead of schedule</p>	<p>Questions answered during the meeting and tours include:</p> <ul style="list-style-type: none"> <li>Why is waste coming to CRL as part of the integrated waste strategy? What is the process for waste coming to CRL?</li> </ul>
2025 October 27	Interview and site visit with Radio-Canada - A tour of what remains of the Gentilly-1 nuclear power plant	Toured journalists from Radio-Canada around the G1WF to ensure transparency. Resulted in radio and online article <sup>7</sup>	—
2025 November 19	Meetings in person with Quebec and federal elected official	MNA for Hull, Coalition Avenir Québec, Presiding Officer / Chair of meeting, Assemblée nationale du Québec	Discussions focused on CNL's mandate, including the Gentilly-1 decommissioning, Gentilly-1 Fuel Consolidation, the Near Surface Disposal Facility (NSDF), and broader mission activities
2025 November 19	Meetings in person with Quebec and federal elected official	MNA for Pontiac, Quebec Liberal Party, Leader of the Official Opposition	Discussions focused on CNL's mandate, including the Gentilly-1 decommissioning, Gentilly-1 Fuel Consolidation, the Near Surface Disposal Facility (NSDF), and broader mission activities
2025 November 19	Meetings in person with Quebec and federal elected official	MP for Hull–Aylmer, Liberal Party of Canada	Discussions focused on CNL's mandate, including the Gentilly-1 decommissioning, Gentilly-1 Fuel Consolidation, the Near Surface Disposal Facility (NSDF), and broader mission activities

<sup>7</sup> See link for article: [Une visite de ce qu'il reste de la centrale nucléaire Gentilly-1 | Radio-Canada](#).

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Date	Activity	Description	Relevant comments/feedback
2025 November 24	Congratulatory emails sent to newly elected mayors in Gentilly-1 region, along with requests for introductory meetings with CNL	<ul style="list-style-type: none"> <li>• Mayor of Champlain</li> <li>• Mayor of Trois-Rivières</li> <li>• Mayor of Bécancour</li> </ul>	_____
2025 December 2	Meetings in person, Canadian Nuclear Association Federal Hill Day	Discussions focused on the mandates of CNL and AECL and their three core missions, with specific engagement on Gentilly-1 Fuel Consolidation and the Gentilly-1 decommissioning	_____
2025 December 11	Standing Committee on Natural Resources	Meeting No. 19: <i>Management of CNL by U.S. Companies</i>	<p>AECL representatives appeared as witnesses. Gentilly-1 and fuel consolidation were raised during the meeting.</p> <p>Video recording: <a href="#">ParlVu</a> Date and time: Thursday, December 11, 11:02 a.m. – 12:00 p.m. (58 minutes)</p> <p><a href="#">Notice of Meeting - RNNR (45-1) - No. 19 - House of Commons of Canada</a></p>
2025 December 15	Email to all previously engaged with Gentilly-1 interested parties and elected officials, as well as W8banaki Nation, and Wendat Nation	Notice of Intent – IAA Comment Period information	_____
2025 December 17	Meeting with Parti Québécois representatives	<p>MNA for Jean-Talon, Spokesperson for Energy</p> <p>Member of the National Assembly for Îles-de-la-Madeleine, Spokesperson for the Environment</p>	_____

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Date	Activity	Description	Relevant comments/feedback
2025 December 18	Email send out	Sent out CNL email Holiday cards to W8banaki Nation, Wendat Nation, and the 3 mayors of Bécancour, Trois-Rivières, Champlain	_____
2026	Virtual	Monthly meetings continue between CNL and Hydro-Québec, along with their Community Relations Advisor, to maintain alignment and strengthen collaboration on engagement activities	_____
2026 January 23	Virtual meeting with Investissement Québec	Investissement Québec, organizing the <i>Strengthening Québec's Nuclear Supply Chain Forum</i> on April 14, 2026, in Bécancour	CNL plans to attend and will engage on Gentilly-1 decommissioning and Fuel Consolidation
2026 January	Standing Committee on Natural Resources (RNNR)	Meeting No. 20: <i>Management of CNL by U.S. Companies</i>  As a witness, CNL Vice President, Corporate Affairs (Seconded from Nuclear Laboratory Partners of Canada (NLPC)	<u>Minutes - RNNR (45-1) - No. 20 - House of Commons of Canada</u>

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Date	Activity	Description	Relevant comments/feedback
2026 February 10	Public Webinar on the G1WF decommissioning and licensing	<p>Hosted public webinar on Zoom in French (English interpretation was available), which was distributed widely to contacts in the surrounding region and promoted via social media</p> <p>The webinar was also advertised in the vicinity of CNL's main site – Chalk River Laboratories and areas surrounding the Whiteshell site. The event had a 147 unique viewers and the recording was posted on YouTube<sup>8</sup></p>	<p>Webinar questions included interest in CNL's experience in decommissioning CANDU reactors in Canada, current or future characterization plans, and how much time the demolition and where the waste is going. Questions also included what environmental assessment process has been undertaken for the project, the future plans for the site post demolition, and who would be responsible for future monitoring of the site CNL or Hydro Quebec, what documentation is provided to the CNSC as part of the decommissioning process, and are there plans to build another nuclear plant at the site, when the Environmental Impact Assessment would be posted and if the public will have time to comment on it in lead up to the Hearing.</p> <p>CNL responded to all questions during the webinar.</p>

<sup>8</sup> See CNL's YouTube recordings of this webinar in French <https://youtu.be/16OllpRXJ3E?si=1IHd2HEdAPJN1jsZ> and English <https://youtu.be/laFezbrmdUg?si=OgF5C-HGpBvFKtQW>.

Date	Activity	Description	Relevant comments/feedback
2026 February 10	Public Webinar: Transportation of Dangerous Goods	<p>Hosted public webinar on Zoom in English (French interpretation was available), which was distributed widely to contacts in the surrounding region and promoted via social media</p> <p>The webinar was also advertised in the vicinity of CNL’s main site – Chalk River Laboratories and areas surrounding the Whiteshell site. The event had a 108 unique viewers, and the recording was posted on YouTube<sup>9</sup></p>	<p>Webinar included questions on Gentilly-1 including:</p> <p>Why is Gentilly-1 waste being transported to other sites only for it to have to be transported again to the Deep Geological Repository (DGR) when ready?</p> <p>Why is Gentilly-1 being decommissioned before the appropriate infrastructure for the storage of the waste has been established?</p> <p>The questions were answered with a written response following the session.</p>

See Appendix C for an example of a mail out.

See Appendix D for an example of an infographic.

### 5.1.1 Survey

CNL conducted a baseline public attitude survey in early 2023. The survey targeted the population of the Trois-Rivières census metropolitan area (CMA). The baseline survey sought to gauge public perception and awareness of the nuclear industry and CNL, particularly in relation to the decommissioning of the G1WF. The survey was completed online with more than 500 residents of the Trois-Rivières CMA area, who were able to express themselves in French or English.

Data was collected in 2023 January. Results were weighted by gender, age, mother tongue, level of education, region, and presence of children in the household, to ensure a representative sample of the Trois-Rivières CMA population.

The data collected in the baseline survey shows that almost the entire population of the Trois-Rivières CMA is aware of the Gentilly nuclear facilities, even if only by name. While awareness of Gentilly’s nuclear facility is high in the region, the level of knowledge of the nuclear industry, CNL, and the activities related to the decommissioning of a nuclear site is quite low among the respondents. However, about half of the population of Trois Rivières CMA is interested in activities related to the decommissioning of the Gentilly nuclear facilities. More than nine out

<sup>9</sup> See CNL’s YouTube recording of this webinar in French <https://youtu.be/I9lcrZV51co?si=Kki-RgY1kTYJfe-4> and English [https://youtu.be/dTzr76EMSQE?si=pG3W3Xr3d\\_utERE5](https://youtu.be/dTzr76EMSQE?si=pG3W3Xr3d_utERE5).

of ten respondents want to be informed about the process of closing and cleaning up the Gentilly nuclear facilities. The points of greatest interest to the Trois Rivières CMA residents are nuclear waste management and the Gentilly-1 decommissioning in general.

The majority of the population is concerned about what will happen to the nuclear waste and the reactor itself, how the site will be remediated or cleaned up, how the site will be managed, and what might be built on the site in the future. The most important issues for the population of Trois Rivières CMA, by far, are the health and safety of the community, the health and safety of the workers on site, and the protection of the environment.

### **5.1.2 Public Information Sessions**

At all public information sessions subject matter experts were available to answer questions and engage in one-on-one dialogue with event guests. An effort was made to share updated information that responded to specific areas of interest.

On 2024 April 09 , CNL held a public information session in Bécancour, Québec. Members of the local Bécancour population, were invited to discuss and learn more about the Gentilly-1 Decommissioning with both CNL and CNSC representatives who were present. Approximately 25 members of the population attended. While in Bécancour, CNL also met with members of Bécancour City Hall to discuss the Gentilly-1 decommissioning.

On 2025 May 14, CNL and Hydro-Québec hosted a public information session on the decommissioning of the Gentilly-1 and Gentilly-2 facilities at the Centre culturel Larochelle in Saint-Grégoire. The session welcomed nearly 50 members of the public throughout the afternoon and early evening.

Public feedback was overwhelmingly positive. Attendees appreciated the opportunity to speak directly with representatives from all four participating organizations present —CNL, Hydro-Québec, the NWMO, and the CNSC.

### **5.1.3 15.1.3 Traditional and Online Communications**

#### **5.1.3.1 Online**

##### **Corporate Website**

CNL uses [www.cnl.ca/g1](http://www.cnl.ca/g1), a subpage of CNL's corporate website ([cnl.ca](http://cnl.ca)), to share information and facilitate feedback on the G1WF. Launched an expanded web site with details on the G1WF work; total pages viewed increased 297% versus 2023 This page has been updated again in 2025 in response to feedback on waste disposition and includes information about the site and project, as well as a feedback form for visitors. In 2025 [cnl.ca](http://cnl.ca) pages relating to the G1WF had 3,434 views.

## Media Coverage

CNL proactively issued two media releases or web site updates regarding G1WF's ongoing operations to local, national, and international news outlets and interested parties.

CNL proactively issued two media releases or web site updates regarding G1WF's ongoing operations to local, national, and international news outlets and interested parties.

**Table 5-2: Media Coverage Summary**

Date	Article	Title of Publication
2024 April 08	Toujours le matin	<a href="#">Rattrapage du mardi 9 avril 2024   OHdio   Radio-Canada</a>
2024 April 09	ICI RDI — L'info maintenant	<a href="#">Des séances d'information pour le démantèlement de Gentilly-1   Radio-Canada</a>
2025 March 17	Via 90.5 - Interview – Episode #23	<a href="#">Épisode #23 – Le Parc en 30 minutes - VIA 90.5</a>
2025 May 13	Le Courrie Sud	<a href="#">Séance d'information publique sur le déclassement de Gentilly-1 et Gentilly-2 ce mercredi après-midi - Le Courrier Sud</a>
2025 May 14	Le Nouvelliste	<a href="#">Centrales nucléaires: accélération du démantèlement</a>
2025 May 14	Radio-Canada: Maire Claude Julien	<a href="#">Vers le déclassement des centrales Gentilly-1 et Gentilly-2   Radio-Canada</a>
2025 May 15	Radio-Canada: Francis Breaudry / Cassandre Forcier-Martin	<a href="#">Vers le déclassement des centrales Gentilly-1 et Gentilly-2   Radio-Canada</a>
2025 July 08	World Nuclear News	<a href="#">Gentilly 1 declared free from nuclear fuel - World Nuclear News</a>
2025 October 27	Radio-Canada: Info – Sophie Bernier	<a href="#">Une visite de ce qu'il reste de la centrale nucléaire Gentilly-1   Radio-Canada</a>
2025 October 27	Radio-Canada: Ohdio	<a href="#">Une rare visite de ce qu'il reste de Gentilly-1   OHdio   Radio-Canada</a>

See Appendix E for an example of media coverage.

## 5.2 CNL Social Media

Social media is used to inform, educate, and promote awareness for all of CNL's activities including G1WF related events and to receive feedback.

Facebook is CNL's largest platform where we see the strongest engagement through "comments, shares and likes" of posts. When CNL wished to raise the profile of project events or information "boosted" posts were used to target by location and demographics. "Boosted" posts are paid posts through Facebook. Twitter has not been used as broadly as Tweets have been found to receive very little traction, and comparatively CNL has a much larger Facebook following. While numbers are significantly larger on LinkedIn the demographics are far more industry based, rather than general public. Therefore, CNL utilizes LinkedIn, but in a much lower capacity than Facebook to ensure engagement is a balanced approach with general public in comparison to those actively part of the nuclear industry. YouTube has also been used successfully to engage with members of the public. All webinars have been posted and specific information on the Chimney Swifts and a virtual tour of the reactor and facility have also been shared.

## **6. Feedback**

Feedback has included an interest in procurement and economic development opportunities from local Indigenous Nations. From the general public, CNL has heard an interest in further regulatory oversight from the IAA, an interest in disposal routes for the waste and concerns around transportation of high-level waste, an activity that was safely completed in 2025 June in accordance with all applicable regulations and laws.

In addition to the feedback provided through the engagement and communications activities mentioned in the previous sections, CNL also received formal comments related to the comments received from the public under subsection 86(1) of the IAA.

For Indigenous and public feedback received during the public comment period for the federal lands assessment related to the decommissioning of the G1WF, please see Section 3 of the Environmental Protection Measures Report for Phase 3 Decommissioning [2].

## **7. Planned Future Engagement**

In accordance with CNL's PIP [3], CNL will continue to engage the public, including local elected officials, industry, and interest groups, through a variety of mechanisms, demonstrating transparency and access to information. CNL will continue to promote all milestones and significant events through public information sessions, site tours, meetings of the ESC and engagement with Indigenous Nations. CNL will continue to use social media to engage the public featuring key milestones and information.

Following the hearing process, CNL expects continued interest in the current and future decommissioning activities related to the G1WF. Through communications and engagement outlined in the PIP, CNL will maintain regular communications through correspondence, including email blasts, meetings, information sessions, webpage content, newsletters, and webinars to ensure all interested parties are kept apprised of CNL's operations and activities at the G1WF.

## 8. Conclusion

Methods employed to date have helped to inform and educate members of the public and have enabled the public to provide valuable feedback. CNL will continue stakeholder engagement efforts to increase awareness and understanding, in accordance with its PIP.

CNL makes it a priority to build public awareness, understanding and a supportive appreciation of the laboratories value and relevance to Canadians. CNL works to ensure that the general public, Indigenous communities, news media, and other interested parties are informed about the ongoing activities at all CNL sites.

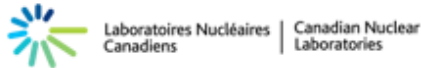
Continuing to provide information as it becomes available will encourage transparency, and further feedback, which can assist CNL in understanding and incorporating perspectives into planning, future communications and the environmental assessment process.

## 9. References

- [1] Letter, K. Schruder (CNL) to C. Salmon (CNSC), Revised Application for Licence Amendment to Proceed with Execution of Decommissioning at the Gentilly-1 Waste Facility, 61-CNNO-26-0003-L, 2026 April.
- [2] Environmental Protection Measures Report for Phase 3 Decommissioning, 61-03710-ENA-005514, Revision 1.0, 2026 April.
- [3] CNL (Canadian Nuclear Laboratories). 2024. Public Information Program for Canadian Nuclear Laboratories, CW513430REPT001, Revision 10.0, October. [Online]. Available: [https://www.cnl.ca/cnl\\_report/public-information-program/](https://www.cnl.ca/cnl_report/public-information-program/)
- [4] Canadian Nuclear Safety Commission, Indigenous Engagement, REGDOC-3.2.2, Version 1.2, 2022 February.
- [5] Canadian Nuclear Safety Commission, Public Information and Disclosure, REGDOC 3.2.1, 2018 May.

## Appendix A Typical Meeting Agenda

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### Visite de Radio-Canada à la centrale Gentilly-1 des LNC

Voici l'agenda proposé:

**8h00** Enregistrement au poste de garde

**8h30** Présentation du projet de déclassement

**9h00** Visite chantier du Bâtiment Réacteur

**10h00** Visite chantier du Bâtiment Turbine

**10h30** Retour sur la visite et réponse aux questions

**10h45** Fin de la visite

#### **Informations sur la visite**

##### **Adresse :**

4900 Boulevard Bécancour, Bécancour (Gentilly), QC, G9H 3X3  
(Site sur la propriété d'Hydro-Québec)

##### **Stationnement :**

- À la fin de la route principale, utilisez les places libres à droite près du bâtiment de sécurité d'Hydro-Québec.
- **Votre véhicule ne sera pas autorisé sur le site** – seuls les véhicules nécessaires sont permis.

##### **Sponsor LNC :**

- Votre sponsor LNC sera **Mme Julie Therrien**.
- Une fois à la guérite, demandez aux agents HQ de G-1 d'appeler **J-M ou Julien**. LNC enverra alors Mme Therrien pour vous accueillir et vous escorter.

##### **Entrée et enregistrement :**

1. Entrez par l'entrée principale du bâtiment de sécurité HQ.

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2. Présentez-vous au poste de sécurité et demandez qu'on appelle votre sponsor ou son représentant.
3. Pour compléter l'enregistrement, vous devrez fournir :
  - o **Deux pièces d'identité avec photo** émises par le gouvernement (ex. permis de conduire et carte d'assurance maladie).
  - o Vos photos et empreintes digitales seront prises.
4. Passez ensuite le point de contrôle de sécurité :
  - o Placez tous vos effets personnels dans un plateau.
  - o Passez le plateau au scanner à rayons X et vous-même au détecteur de traces d'explosifs.
  - o **Alcool, drogues, armes ou matériaux explosifs sont strictement interdits.**

**Équipement de sécurité :**

- Apportez vos chaussures de sécurité.
- Les autres EPI (équipements de protection individuelle) et les TLD seront fournis au besoin.
- **Veillez porter des vêtements confortables pour la visite, comme un jean et un t-shirt, ou des tenues décontractées.**

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**Appendix B General Overview Presentation**

**Projet de déclassé : Gentilly-1**

Octobre 2025



Canadian Nuclear Laboratories | Laboratoires Nucléaires Canadiens

Canadian Nuclear Laboratories | Laboratoires Nucléaires Canadiens

**Un laboratoire national axé sur les priorités nationales**

Les Laboratoires nucléaires canadiens (LNC) sont une entreprise du secteur privé chargée de gérer et d'exploiter les installations de recherche nucléaire pour le compte d'Énergie atomique du Canada limitée (ÉACL), une société d'État fédérale.

Les Laboratoires de Chalk River (LCR), principal actif géré par LNC, sont situés dans la vallée supérieure de l'Outaouais et constituent un employeur important dans la région.

- ✓ Le laboratoire nucléaire national du Canada
- ✓ Plus de 50 laboratoires et un campus de 9000 acres
- ✓ Une équipe diversifiée de plus de 500 doctorants et chercheurs
- ✓ Plusieurs activités scientifiques
- ✓ Des laboratoires et sites de projets à travers le Canada

**Laboratoires et autres sites à travers le Canada**

- o Laboratoires de Chalk River, Ontario
- o Laboratoires de Whiteshell, Manitoba
- o Bureau de gestion du Programme des déchets historiques, Fort Hope, Ontario
- o Centre national d'innovation pour la cybersécurité, Nouveau Brunswick
- o Réacteurs prototypes et installations existantes

**Restaurer et protéger l'environnement**

L'assainissement environnemental le plus important et le plus complexe au Canada, touchant trois provinces.

**Contribuer à la mise en place d'une énergie propre pour aujourd'hui et demain**

Soutenir l'industrie des réacteurs CANDU, la démonstration des petits réacteurs modulaires SMR, le développement des combustibles et matériaux avancés et les sciences de l'hydrogène.

**Contribuer à la santé des Canadiens**

Programme de radio-isotopes Actinium-225 et radiobiologie

Gentilly-1

## Présentation du projet

**Plans de déclassé**

- o Le déclassé du réacteur G-1 a commencé lorsque l'installation a été mise en arrêt définitif en 1978.
- o Maintenant que la période de décroissance radioactive adéquate est terminée, il est possible d'aller de l'avant avec le déclassé final.
- o LNC ont soumis une demande de modification de permis à l'organisme fédéral de réglementation nucléaire, la Commission canadienne de sûreté nucléaire (CCSN), le 17 juillet 2024, afin de procéder au déclassé final.
- o La CCSN tiendra une audience publique par écrit en juillet 2026 concernant la demande des LNC.

**Emplacement**

- o Gentilly-1 (G-1) est un réacteur prototype à eau bouillante CANDU® de 250 mégawatts (MWe), à l'arrêt définitif et partiellement déclassé, situé à Bécancour, au Québec.
- o L'installation G-1 appartient à Énergie atomique du Canada limitée (ÉACL), une société d'État fédérale. Le réacteur de G-1 est situé sur le site des installations de Gentilly-2, propriété d'Hydro-Québec.

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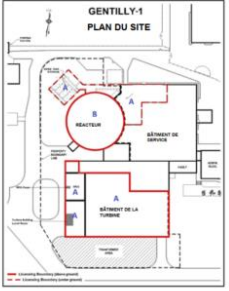
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### Approche par étapes

- Le déclassé final conduira au démantèlement de l'ensemble de l'installation.
- Tout au long du processus, nous tiendrons compte de l'avis des gouvernements, du public et des communautés autochtones.

**Déclassé par étapes**

- Dans un premier temps pour les bâtiments comportant le moins de contamination radiologique.
- Le bâtiment du réacteur sera le dernier à être démantelé.
- Tous les matériaux et déchets sont classés en fonction de leur type. Certains seront notamment réutilisés ou recyclés.



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### Où vont les déchets ?

- La plupart des matériaux sont des déchets industriels classiques (débris de démolition) ou des matériaux recyclables (feraille) → sites d'enfouissement autorisés ou recyclage.
- Déchets dangereux (amiante, plomb, PCB) → installations spécialisées autorisées.
- Déchets radioactifs → les déchets nucléaires (de faible ou moyenne activité) sont envoyés aux Laboratoires de Chalk River pour y être stockés.
- Pour les déchets radioactifs, le propriétaire est responsable de la gestion de ses déchets.
- Les déchets radioactifs du site G-1 appartiennent à EAEL.
- LNC consolide les déchets d'EAEL aux Laboratoires de Chalk River, qui appartiennent à EAEL.



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### Notre expertise

Les Laboratoires Nucléaires Canadiens

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### Expertise en matière de déclassé et de gestion des déchets

- Laboratoires de Chalk River, Ontario - 112 bâtiments déclassés
- Laboratoires de Whiteshell, Manitoba - 40 bâtiments déclassés
- Initiative de la région de Port Hope - 1,3 million de tonnes de sols contaminés et de déchets industriels transférés dans une installation de gestion des déchets à long terme
- Site de Douglas Point, Ontario - réalisation active de la phase 3 du déclassé de la première centrale nucléaire au Canada
- Lingen, Allemagne - contrat commercial pour soutenir le déclassé d'un prototype de réacteur à eau bouillante.



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### Relations avec les Premières Nations - Un engagement significatif

Il est essentiel pour les LNC de jouer son rôle dans la réconciliation avec les Premières Nations par le biais d'un engagement et d'un partenariat.

- Le document d'application de la réglementation REGDOC-3.2.2. Mobilisation des Autochtones énonce les exigences et les directives à l'intention des titulaires de permis en ce qui concerne la mobilisation des Autochtones.
- Agence canadienne d'évaluation d'impact
- Commission de vérité et de réconciliation du Canada : Appels à l'action

**Notre objectif est de :**

- S'assurer que des opportunités sont offertes pour un engagement et une participation véritable afin de garantir le respect des droits et des intérêts des autochtones, cela inclut l'intégration des connaissances traditionnelles / autochtones.
- Informar les parties prenantes des opérations de LNC et des effets potentiels des activités du projet sur l'environnement et les utilisations traditionnelles des terres.



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### Communications et relations avec les parties prenantes

Nous nous engageons à établir des relations de travail et à créer des opportunités de dialogue ouvert avec les différents groupes de parties prenantes et les communautés locales.

Notre objectif est d'améliorer la compréhension des diverses opinions de nos communautés, et de permettre aux membres de la communauté d'obtenir de l'information sur les activités des LNC.



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### Prochaines étapes

Déclassé de Gentilly-1

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### GENTILLY-1: LIGNE DU TEMPS



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### Prochaines étapes avec la CCSN

- Dépôt de la demande de modification de permis pour G-1**  
17 juillet 2024. Les LNC ont soumis une demande de modification de leur permis actuel pour permettre le déclassement de Gentilly-1
- Période d'étude de la demande des LNC par la CCSN**  
La CCSN passera en revue les documents qui lui auront été soumis par les LNC
- Période de rétroaction entre les LNC et la CCSN**  
La CCSN peut émettre certaines questions sur le contenu qui lui a été présenté
- Possibilité de participation des Premières Nations**  
Les CCSN, durant cette période, entrera en contact avec les Premières Nations concernées.
- Audience publique sur la demande de modification de permis**  
L'audience publique aura lieu en juillet 2025
- Réponse de la CCSN sur la demande de modification de permis**  
On compte normalement un délai de 6 semaines avant l'obtention d'une réponse.



### Pour nous joindre

**Courriel et site internet**

[communicationG1@cnl.ca](mailto:communicationG1@cnl.ca)

[www.cnl.ca](http://www.cnl.ca)

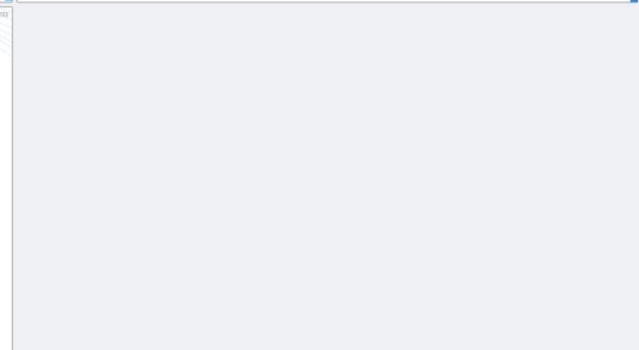


# Merci





[www.cnl.ca/G1](http://www.cnl.ca/G1)  
[ermstakeholder@cnl.ca](mailto:ermstakeholder@cnl.ca)

**Appendix C Example of a Mail Out**



# Gentilly-1 Waste Facility Decommissioning Public Communications Supplementary Report (2023 January -2026 February)

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## Que sont les installations de Gentilly-1?

Les installations de Gentilly-1 comprennent un réacteur nucléaire inopérant et des infrastructures de soutien. Les installations appartiennent à Énergie atomique du Canada limitée (EACL), qui a confié aux Laboratoires Nucléaires Canadiens (LNC) la gestion et l'exploitation de ses sites.

Le réacteur de Gentilly-1 est un réacteur prototype CANDU qui a été mis en service en 1972 et mis en état d'arrêt permanent en 1984. Depuis, le réacteur et ses installations sont en état de stockage sous surveillance. Les opérations sur le site sont menées en vertu d'un permis délivré aux LNC par la Commission canadienne de sûreté nucléaire.

## Qu'est-ce que le projet de déclassement de Gentilly-1?

Les LNC prévoient de déclasser les installations de Gentilly-1 situées à Bécancour.

Les LNC demanderont d'abord à la Commission canadienne de sûreté nucléaire (CCSN) l'autorisation d'entreprendre ces travaux. Dans le cadre de ce processus, le public et les nations, communautés et organisations autochtones auront la possibilité de donner leur avis sur le projet.

Une fois les autorisations nécessaires obtenues, le réacteur inopérant sera démantelé et les autres structures du site seront démolies.

Gentilly-1 est adjacente à la centrale nucléaire de Gentilly-2. Hydro-Québec est propriétaire des installations de Gentilly-2 et du terrain sur lequel les deux installations sont situées. Les plans de restauration du site seront élaborés et réalisés en collaboration avec Hydro-Québec.

La sécurité du public, des travailleurs et de l'environnement est la priorité absolue des LNC. Les travaux de déclassement et les activités connexes seront menés dans le respect de tous les protocoles et tous les règlements en matière de santé et de sécurité, de protection de l'environnement, de radioprotection et de transport.

## Où iront les déchets générés par ces activités?

La plupart des matériaux seront des débris de démolition ou des matériaux recyclables, qui seront envoyés dans des sites d'enfouissement où ils pourront être recyclés. Les déchets nucléaires seront transportés aux laboratoires de Chalk River, en Ontario, où ils seront stockés en toute sécurité, ou éliminés en fonction du type de déchets.

Les travaux préliminaires en vue du déclassement du site sont en cours. Ces travaux comprennent le retrait du combustible nucléaire usé stocké sur le site et son transport en toute sécurité vers les laboratoires de Chalk River, dans le cadre de la stratégie intégrée de gestion des déchets des LNC. Le transport de matières radioactives est une activité très réglementée, et les LNC respecteront toutes les exigences rigoureuses de Transports Canada et de la Commission canadienne de sûreté nucléaire (CCSN).

## Quelles sont les prochaines étapes?

En juillet 2024, les Laboratoires Nucléaires Canadiens (LNC) ont soumis une demande à la Commission canadienne de sûreté nucléaire pour modifier le permis actuel de l'installation afin d'en permettre le déclassement. Il est prévu que la Commission tienne une audience publique sur la demande en 2026.

## Comment puis-je en savoir plus sur les LNC et sur ce projet?

Les LNC disposent d'un personnel dédié à la communication pour ce projet et offriront des mises à jour régulières ainsi que des occasions de discuter du projet et d'obtenir des réponses à vos questions de la part d'experts en la matière.

Les LNC se sont engagées à offrir des occasions de dialogue constructif avec les nations, les communautés et les organisations autochtones qui détiennent des droits ou qui ont manifesté un intérêt pour le projet.

Les LNC organiseront des séances d'information en personne et des webinaires virtuels tout au long des processus d'autorisation et de déclassement. Des brochures explicatives seront distribuées dans la région, et des informations en ligne seront disponibles sur le site CNL.ca.

Vous pouvez également nous contacter à l'adresse [communicationsG1@cnl.ca](mailto:communicationsG1@cnl.ca).

## Les Laboratoires Nucléaires Canadiens

Les Laboratoires Nucléaires Canadiens (LNC) sont la principale organisation de sciences et technologie nucléaires au Canada. Nous sommes un chef de file à l'échelle mondiale dans le développement d'applications pacifiques et novatrices de la technologie nucléaire. Grâce à notre expertise unique, nous restaurons et protégeons l'environnement, faisons progresser les technologies énergétiques propres, et, par l'entremise de nos innovations médicales, faisons progresser les soins de santé partout sur la planète.



Restaurer et protéger  
l'environnement au Canada



Contribuer à la mise  
en place d'une énergie  
propre pour aujourd'hui et demain



Contribuer à la santé  
des Canadiens

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**Appendix D Example of Infographic**

Les Laboratoires nucléaires canadiens (LNC) travaillent au déclasserment des installations de Gentilly-1 situées à Bécancour. Les LNC demanderont à la Commission canadienne de sûreté nucléaire (CCSN) l'autorisation d'entreprendre ces travaux. Dans le cadre de ce processus, le public, les nations, communautés et organisations autochtones auront la possibilité de donner leur avis sur le projet. Une fois les autorisations nécessaires obtenues, le réacteur inopérant sera démantelé et les autres structures du site seront démolies. Gentilly-1 est adjacente à la centrale nucléaire de Gentilly-2. Hydro-Québec est propriétaire des installations de Gentilly-2 et du terrain sur lequel les deux installations sont situées. Les plans de restauration du site de G-1 seront élaborés et réalisés en collaboration avec Hydro-Québec.

La sécurité du public, des travailleurs et de l'environnement est la priorité absolue des LNC. Les travaux de déclasserment et les activités connexes seront menés dans le respect de tous les protocoles et réglementations en matière de santé et de sécurité, de protection de l'environnement, de radioprotection et de transport.



## Appendix E Example of Media Coverage



Info | Economie | Énergie | 📍 Mauricie-Centre-du-Québec

# Des séances d'information pour le démantèlement de Gentilly-1



Le réacteur Gentilly-1, à Bécancour. (Photo d'archives)

PHOTO : LABORATOIRES NUCLEAIRES CANADIENS

Francis Beaudry

Charles-Antoine Boulanger

Publié le 9 avril 2024 à 17 h 16 HAE

▶ Écouter l'article | 4 minutes




Des séances d'information ont eu lieu mardi pour informer la population sur le processus de déclassement de la centrale nucléaire Gentilly-1 qui est en cours depuis sa fermeture il y a plus de 40 ans.


Une rencontre s'est tenue au centre La Rochelle à Bécancour, dans le secteur Saint-Grégoire, pour répondre aux questions du public sur les prochaines étapes du processus qui vise à démanteler les installations.

Plus tôt le matin, une centaine de personnes avaient assisté à la consultation en ligne.

PUBLICITÉ



Ne payez **aucuns frais mensuels de programme pendant deux ans\*** avec un compte de chèques Performance.  
\* Des conditions s'appliquent.

**BMO** 

[En savoir plus](#)

Il n'y aura plus de traces de Gentilly-1 après la fin du processus, qui devrait être achevé en 2035 ou en 2036. Les travaux plus concrets de démolition des installations devraient toutefois démarrer autour de 2029.

Le terrain sera restauré dans son état naturel et cédé à Hydro-Québec, qui devra ensuite déterminer ce qu'elle veut en faire.

### **À lire aussi :**

- [Le 5 avril 1971, Gentilly-1 alimentait le réseau électrique du Québec](#)
- [Hydro-Québec étudie la possibilité de réactiver la centrale nucléaire Gentilly-2](#)
- [Hydro-Québec : « Aucune barrière majeure au redémarrage de Gentilly-2 »](#)

Le déclassement a été confié à l'organisme Laboratoires nucléaires canadiens.

Le conseiller en gestion du déclassement pour Laboratoires nucléaires canadiens, Steve Plante, rappelle qu'il reste plusieurs étapes à franchir avant de céder le terrain.



Steve Plante affirme que plusieurs étapes restent à être franchies avant de finaliser le déclassement.  
PHOTO : RADIO-CANADA / FANCHON AUBRY

« On doit retirer tous les bâtiments, puis on doit s'assurer qu'il n'y a plus aucune contamination, évidemment, sur le site. Puis après ça, on va discuter avec Hydro-Québec. Quelle sorte de vocation voudraient-ils avoir pour le terrain? Mais c'est eux qui vont décider ce qu'ils veulent avoir », explique-t-il.

PUBLICITÉ



Les déchets courants seront envoyés dans des centres de tri de la région, alors que les déchets radioactifs prendront la route de Chalk River en Ontario.

« C'est un projet d'assainissement environnemental. On va retirer des équipements qui sont contaminés, puis on va les stocker de façon sécuritaire dans un site qui est prévu à cet effet à Chalk River. Donc, c'est une bonne nouvelle pour la région », ajoute M. Plante.

Patrick Rasmussen, président du Mouvement vert de la Mauricie, affirme qu'il reste cependant plusieurs questions sans réponse, selon lui.

« Ça se fait un petit peu sans qu'on sache trop ce qui se passe, [...] entre autres au niveau du transport. [...] C'est sûr qu'ils vont amener ça vers Chalk River, là où il y a un site d'enfouissement prévu, mais quand même, on veut savoir comment ça va être transporté, c'est quoi, comment la population va être mise au courant », dit-il.

## Le déclassé d'une centrale qui n'a pas duré

La centrale Gentilly-1 a été inaugurée en 1972. Il s'agissait d'un prototype qui aurait pu être reproduit ailleurs au Québec.

La centrale n'aura connu que 183 jours de production maximale d'énergie avant sa fermeture officielle en 1977.

Le réacteur à l'eau bouillante et son instabilité suscitaient des craintes, explique le docteur en physique nucléaire, retraité de l'Université Laval et militant, Michel Duguay.

« C'est rare que les ingénieurs nucléaires aient peur, mais dans ce cas-là, ils avaient une bête qu'ils ne pouvaient pas contrôler, ils ont eu peur. Puis ça n'a pas pris de temps, tout le monde s'est mis d'accord pour fermer Gentilly-1 », explique-t-il.

Il raconte que la centrale n'a jamais vraiment offert un rendement constant d'électricité en raison du manque de contrôle qu'avait son équipe sur la puissance des réacteurs.

### À écouter :

[Steve Plante en entrevue à l'émission \*Toujours le matin\*](#)



Francis Beaudry


+ Suivre ...



Charles-Antoine Boulanger

+ Suivre ...

**Appendix F Social Media Post**

 Canadian Nuclear Laboratories  
February 5 · 🌐

Les Laboratoires nucléaires canadiens (LNC) ont le plaisir de vous inviter à un webinaire portant sur le projet de déclasserement de l'installation de Gentilly-1, qui se tiendra le mardi 10 février 2026, de 9 h à 10 h.

Ce webinaire présentera :

- les grandes lignes du projet de déclasserement de Gentilly-1;
- le processus de déclasserement et d'autorisation réglementaire;
- les prochaines étapes prévues.

Une période de questions est prévue afin de permettre aux participants d'échanger avec l'équipe du projet.

L'inscription est obligatoire: Webinaires - Canadian Nuclear Laboratories

Pour toute question, vous pouvez communiquer avec nous à l'adresse suivante : [communicationsG1@cnl.ca](mailto:communicationsG1@cnl.ca).

Nous vous remercions de votre intérêt et espérons pouvoir compter sur votre participation.

See translation



**WEBINAIRE À VENIR**

Participez à notre webinaire en février sur le projet de déclasserement de l'installation à Gentilly-1.

**mardi 10 février, 2026**

Projet de déclasserement de Gentilly-1 :  
déclasserement et processus d'autorisation  
9 h à 10 h

Inscription obligatoire  
Inscrivez-vous à l'adresse suivante : [cnl.ca/webinar](https://cnl.ca/webinar)  
Pour toute question, veuillez  
contacter [communicationsG1@cnl.ca](mailto:communicationsG1@cnl.ca)



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