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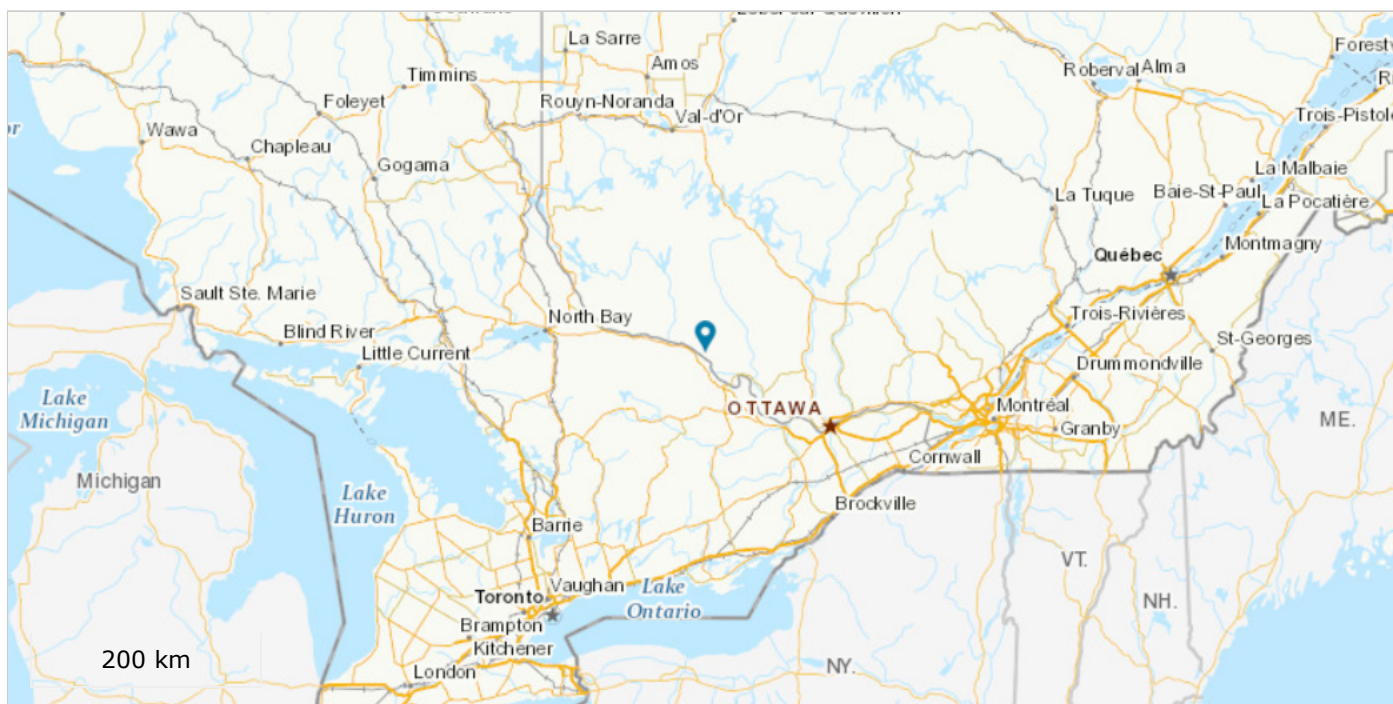
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Micro Modular Reactor Project at Chalk River

Global First Power is proposing the site preparation, construction, operation, and decommissioning of a single small modular reactor, using Micro Modular Reactor (MMR) technology. The proposed project is located at the Chalk River Laboratories site, in Renfrew County, Ontario, approximately 200 km northwest of Ottawa. The proposed project includes a nuclear plant, which would contain a MMR High Temperature Gas-cooled Reactor that would provide process heat to an adjacent plant, via molten salt. The MMR would produce approximately 15 Megawatt (thermal) of process heat to generate electrical power and/or heat, over an operating life-span of 20 years.

Under the Nuclear Safety and Control Act, Global First Power's proposal requires approval and licensing by the Canadian Nuclear Safety Commission (CNSC). An environmental assessment (EA) conducted under the Canadian Environmental Assessment Act, 2012 is required, and an EA decision affirming that the proposed activities will not cause significant adverse environmental effects, before the CNSC can make a licensing decision on this proposal.

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Latest update

April 29, 2020 - CMD 20-H102 - Submission from CNSC Staff on the Proposed Scope of Factors to be Considered in the Conduct of an Environmental Assessment for a Project Proposed by Global First Power, available [here](#).

April 28, 2020 - Disposition table of public and Indigenous groups' and organizations' comments on project description for the Micro Modular Reactor Project, available [here](#).

April 9, 2020 - In its continued response to the COVID-19 pandemic, the Canadian Nuclear Safety Commission (CNSC) is postponing and making changes to upcoming Commission proceedings. As a result, the document deadlines for the Micro Modular Reactor Project environmental assessment (EA) scoping hearing in writing have been extended by 30 days. The CNSC staff Commission member document will be available by **May 1** and interventions are due **June 1, 2020**.

Read the revised [notice](#).

January 27, 2020 - In May 2020, the CNSC will render a decision on the proposed scope of factors to be considered in the conduct of an EA for the Micro Modular Reactor Project. The decision will be based on written submissions to the Commission. Through its Participant Funding Program, the CNSC is offering assistance to Indigenous peoples and members of the public in reviewing CNSC staff's submission and associated documents on the scope of factors to be considered in the EA for the proposed MMR Project, and in participating in the Commission hearing process, by providing topic-specific submissions to the Commission. The deadline for submitting a completed participant funding application form to the CNSC is February 10, 2020.

To learn more about the Commission decision-making process for the EA scope of factors and the PFP opportunity, read the [notice](#).

Participate



View comments

List all records

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- Location**
Chalk River (Ontario)
- Project Type**
Nuclear Energy
- Status**
In progress
- Start Date**
2019-07-15
- Proponent**
Global First Power
- Authorities**
Canadian Nuclear Safety Commission
- Assessment Type**
Environmental assessment under CEAA 2012
- Reference Number**
80182

Nearby projects

.within 200 kilometres

Near Surface Disposal Facility Project
Deep River

Canadian Nuclear Laboratories Covered Structure
Canadian Nuclear Laboratories, Chalk River, Ontario

Canadian Nuclear Laboratories Contractor Management Trailer Complex
Canadian Nuclear Laboratories, Chalk River, Ontario

Remediation of B, C, D, E, and Y Ranges, Garrison Petawawa Range and Training Area
range and Training Area of Garrison Petawawa

Replace Culvert on Chalk River Road, Garrison Petawawa Range and Training Area

Date modified: 2020-05-11