

Impact Assessment of the Bruce C Nuclear Project

INTRODUCTORY AND INFORMATION SESSION – JUNE/JULY 2025



GOVERNMENT OF CANADA

Canada 



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Bienvenue

Kischi baen rseu

tawâw

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Welcome

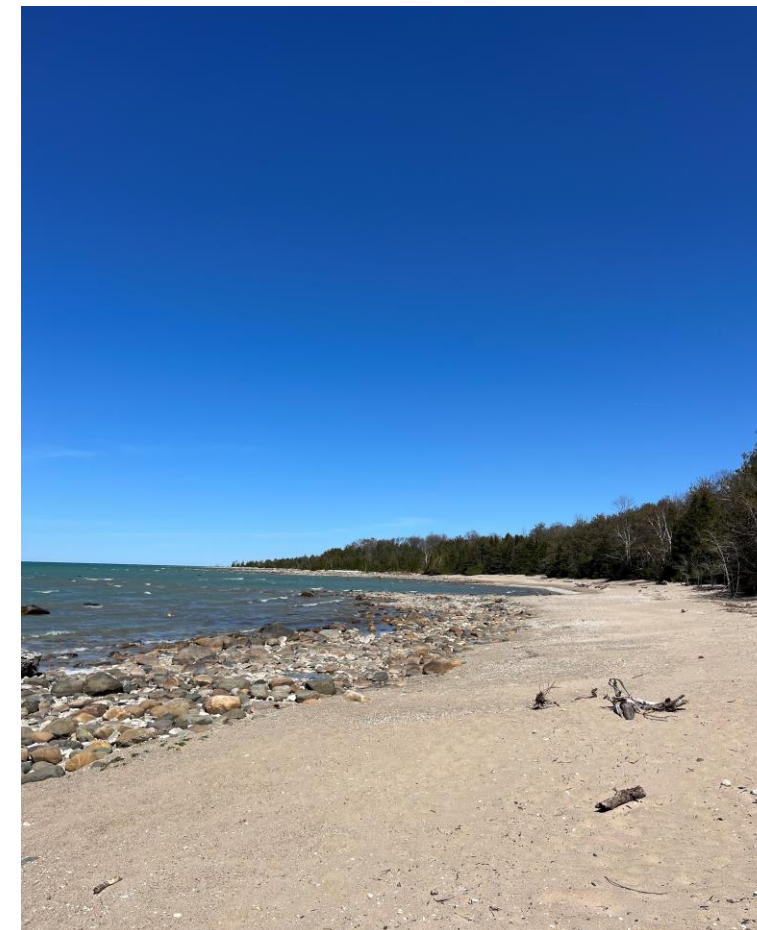
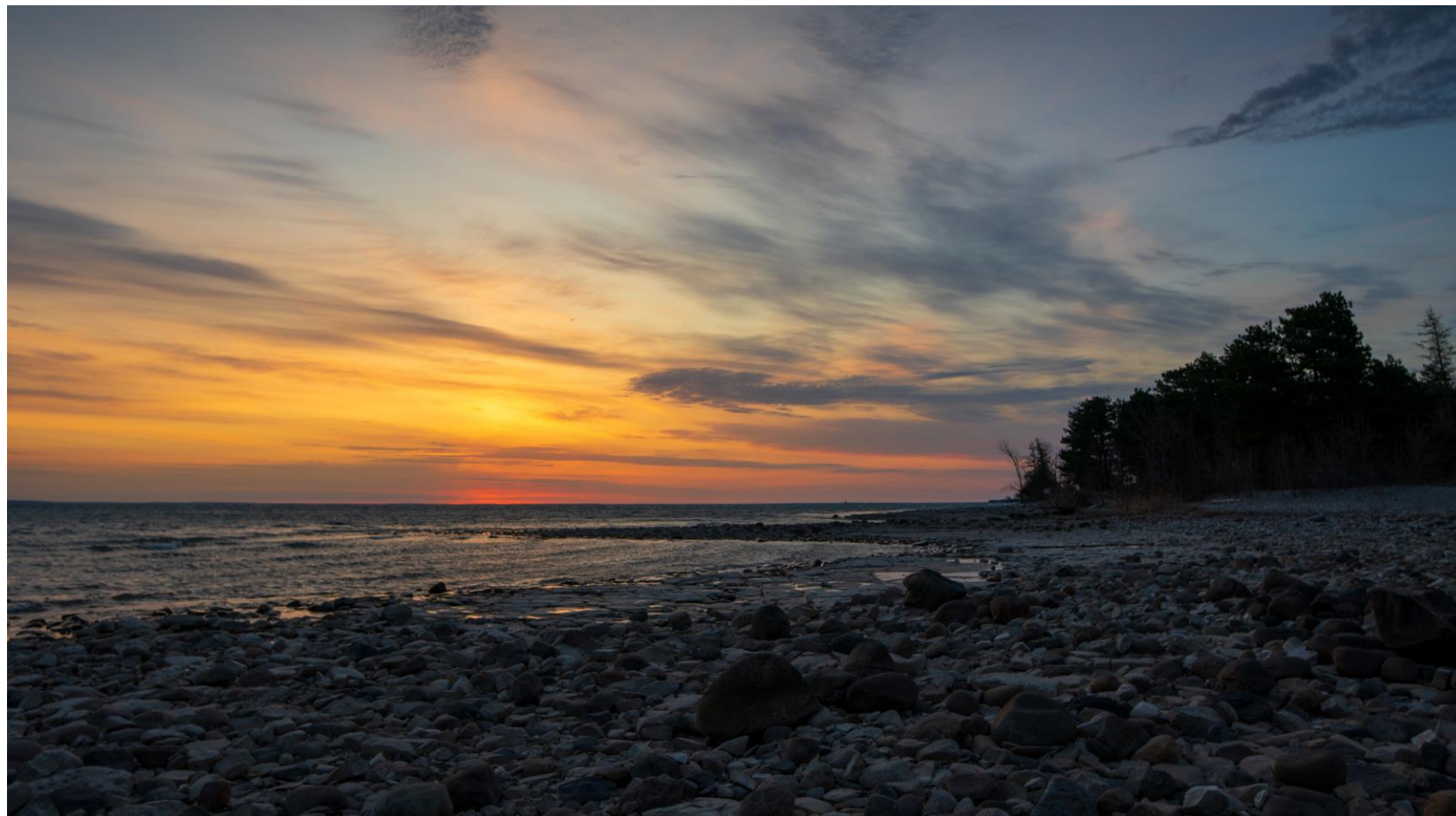
Minu- takushinuk

Hęn nezu

Pjila'si



Land acknowledgement



Overview

1. Who are we – IAAC and CNSC
2. The Project
3. Integrated Assessment
4. Public Participation
5. Discussion
6. Next Steps



Who we are

INTRODUCTION



Impact Assessment Agency of Canada (IAAC)

- Federal agency reporting to the Minister of **Environment and Climate Change**
- Conducts federal impact assessments on major projects in Canada (like marine terminals, major mines and nuclear facilities) under the ***Impact Assessment Act***
- Works with the support of other federal departments
- Conducts Indigenous consultation and meaningful public engagement
- Cooperates with provincial, territorial and Indigenous jurisdictions



Impact Assessment
Agency of Canada

Agence d'évaluation
d'impact du Canada



Canadian Nuclear Safety Commission (CNSC)

- Canada's nuclear regulator established via the **Nuclear Safety and Control Act (NSCA)**
- Reports to Parliament through the Minister of Natural Resources Canada
- Regulates the use of nuclear energy and materials to prevent unreasonable risk to health, safety, security and the environment
- Implements Canada's international commitments on the peaceful use of nuclear energy
- Disseminates objective scientific, technical and regulatory information to the public



Bruce C Nuclear Power Project

BRUCE POWER



Proposed Project: Bruce C Nuclear Project

- Bruce Power is proposing the site preparation, construction, operation and decommissioning of a new nuclear generating station within the existing Bruce Power nuclear power site (the Project)
- As proposed, the Project would provide up to 4,800 megawatt-electric of new nuclear generating capacity in Ontario and operate for 60 to 100 years
- Bruce Power plans to consider several nuclear reactor technologies for the Project



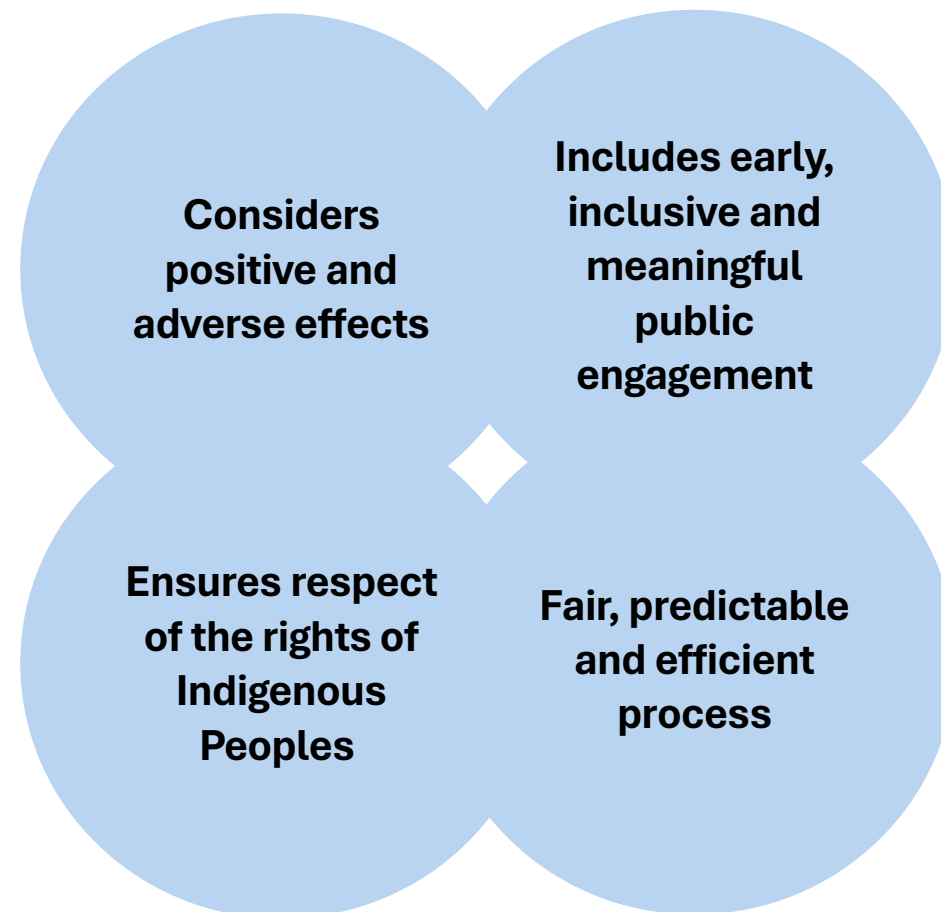
Integrated Assessment of Nuclear Projects

GENERAL OVERVIEW AND CURRENT STATUS

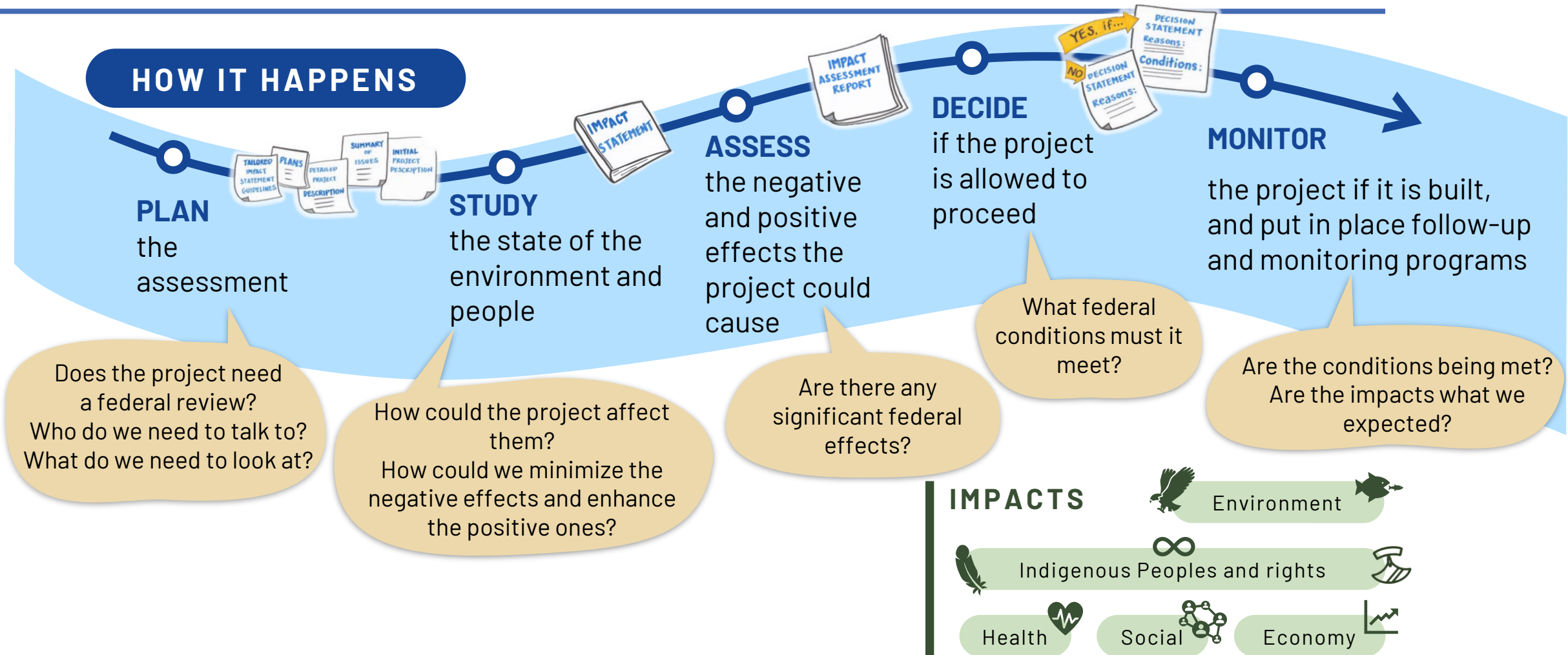


Integrated Assessment of Nuclear Projects

- When a project includes activities regulated under the NSCA, IAAC works with the CNSC to conduct an integrated assessment.
- IAAC and the CNSC:
 - cooperate with the common objective that all requirements are achieved in a single integrated assessment as "one project, one assessment"
 - assess potential effects over the lifecycle of the project and considers the application for the first licensing phase of a nuclear facility (the "Licence to Prepare Site").
- CNSC has a robust regulatory framework for licensing and compliance of nuclear facilities and activities.

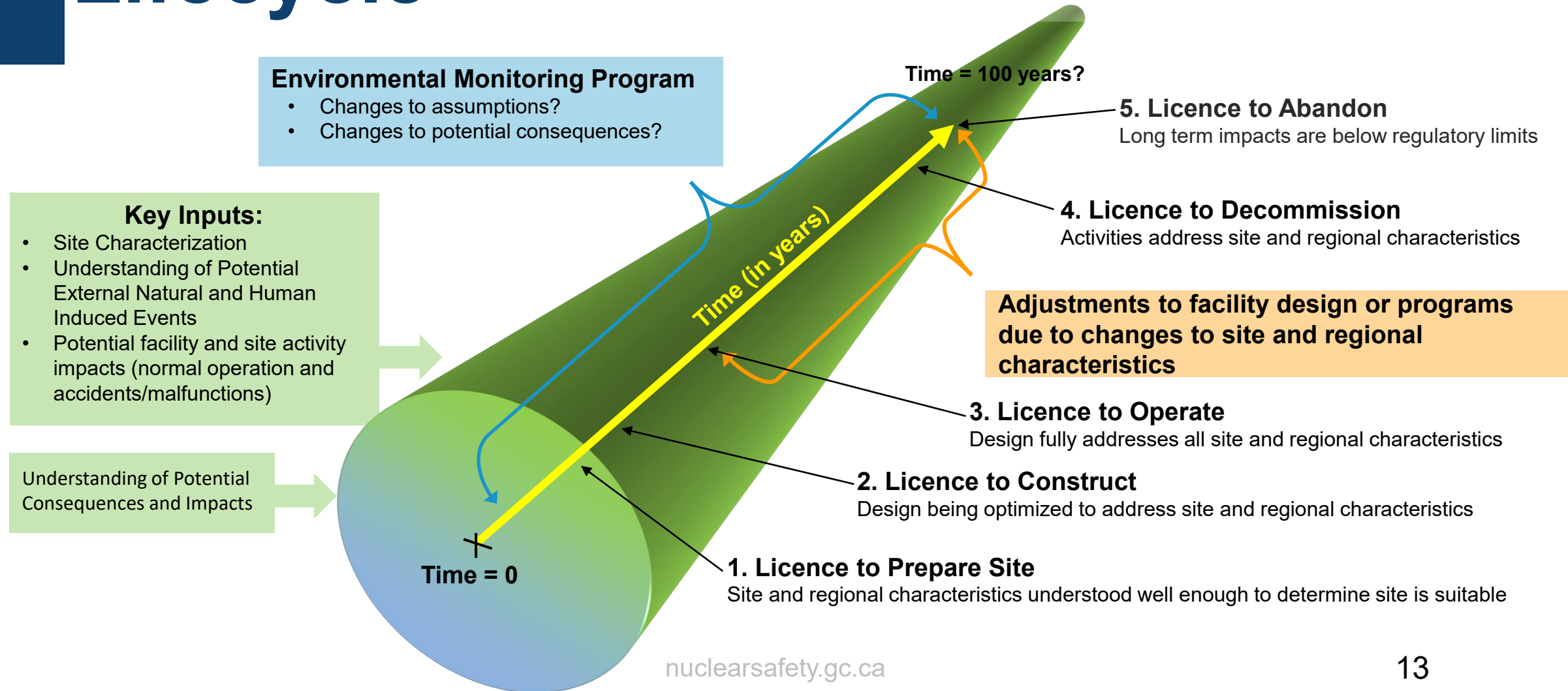


Phases of an Integrated Assessment

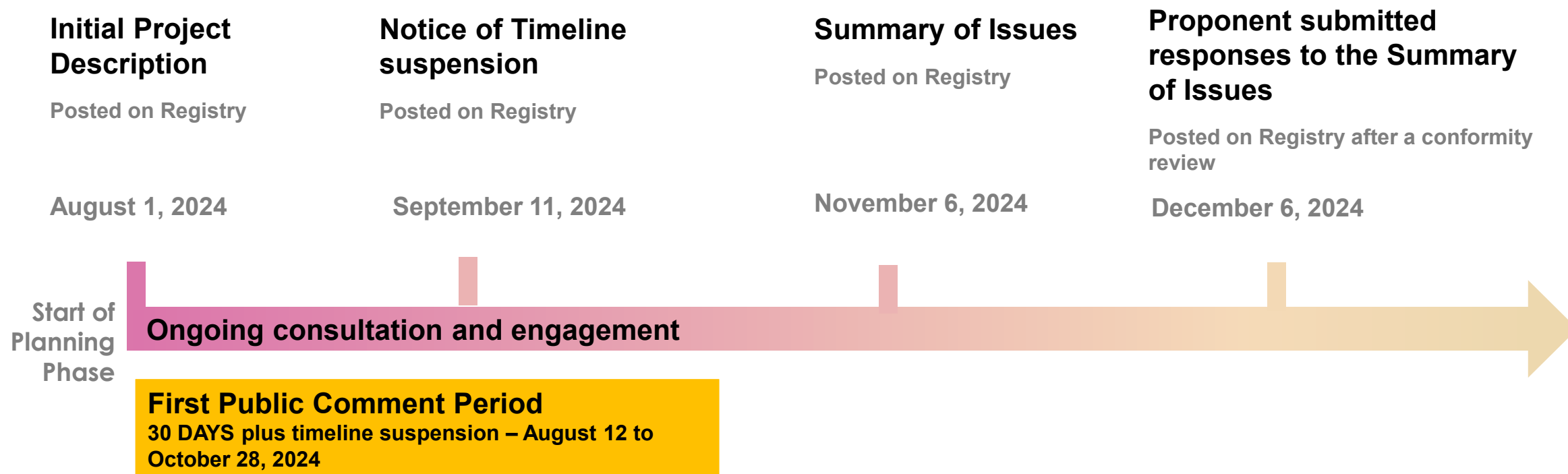




Site Evaluation Over the Facility Lifecycle



Planning Phase Timeline



Key Documents



INITIAL PROJECT DESCRIPTION



SUMMARY OF ISSUES



INTEGRATED TAILORED IMPACT STATEMENT GUIDELINES (TISG)



INDIGENOUS ENGAGEMENT AND PARTNERSHIP PLAN



PUBLIC PARTICIPATION PLAN



PERMITTING PLAN



COOPERATION PLAN

Planning Phase Timeline Continued

IAAC determined that an Integrated Assessment is required and referral to a Panel review

Posted on Registry
December 20, 2024

Notice of Timeline suspension

Posted on Registry
January 15, 2025

Draft Integrated Guidelines & Plans published

Posted on Registry
June 12, 2025

Final Integrated Guidelines & Plans are published
Notice of Commencement is issued

To be posted on Registry by end of Planning Phase
Legislated 180 Day Planning Phase Timeline Ends August 2025

End of Planning Phase

Ongoing consultation and engagement

We Are Here



Second Public Comment Period
29 DAYS – June 12 to July 11, 2025

Key Documents



INITIAL PROJECT DESCRIPTION



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INDIGENOUS ENGAGEMENT AND PARTNERSHIP PLAN



PUBLIC PARTICIPATION PLAN



PERMITTING PLAN



COOPERATION PLAN

Overview of Key Documents

The integrated assessment process includes several key documents which are drafted during the planning phase:

- Integrated Tailored Impact Statement Guidelines
- Public Participation Plan
- Indigenous Engagement and Partnership Plan
- Cooperation Plan
- Permitting Plan








Bruce Nuclear Project

Draft Integrated Guidelines

The Integrated Guidelines inform Bruce Power what information needs to be provided and how they need to collect and analyze that information for their project. Overlapping requirements with the CNSC have been incorporated where applicable.

Key Draft Integrated Guidelines Sections:

- Section 8: Biophysical Environment 
- Section 9: Health, Social, and Economic Conditions 
- Section 11: Security Considerations 
- Section 12: Effects of Potential Accidents or Malfunctions 
- Section 13: Effects of the Environment on the Project 










The draft Integrated Guidelines are available on the Registry Page here: <https://iaac-aeic.gc.ca/050/evaluations/proj/89430>

Licence to Prepare Site application

Canadian Nuclear Safety Commission

In addition to TISG, applicant must satisfy CNSC with information addressing these “Safety and Control Areas”

- Management System 
- Operating Performance 
- Safety Analysis 
- Physical Design 
- Radiation Protection 
- Conventional Health and Safety 

- Environmental Protection  
- Emergency Management and Fire Protection  
- Waste Management 
- Security 
- Safeguards and Non-Proliferation 

Public Participation

HOW YOU CAN PARTICIPATE IN THE ASSESSMENT



Public Participation Informs the Integrated Assessment

Shaping the assessment process

- Your feedback can help shape:
 - the key issues to be addressed
 - the studies and information the proponent needs to collect
 - how your community is involved in the assessment

Sharing important information

- Members of the public, Indigenous Nations and Communities, IAAC, CNSC, the proponent, and other stakeholders may have and provide important information for the assessment
- Comments posted online are publicly visible and permanently housed on the Canadian Impact Assessment Registry

Influencing the project

- Your feedback can:
 - inform creative solutions to maximize positive project effects and minimize negative effects
 - support the review panel in making their recommendations on the project
 - support federal cabinet in making the IA decision, and the CNSC making a licensing decision

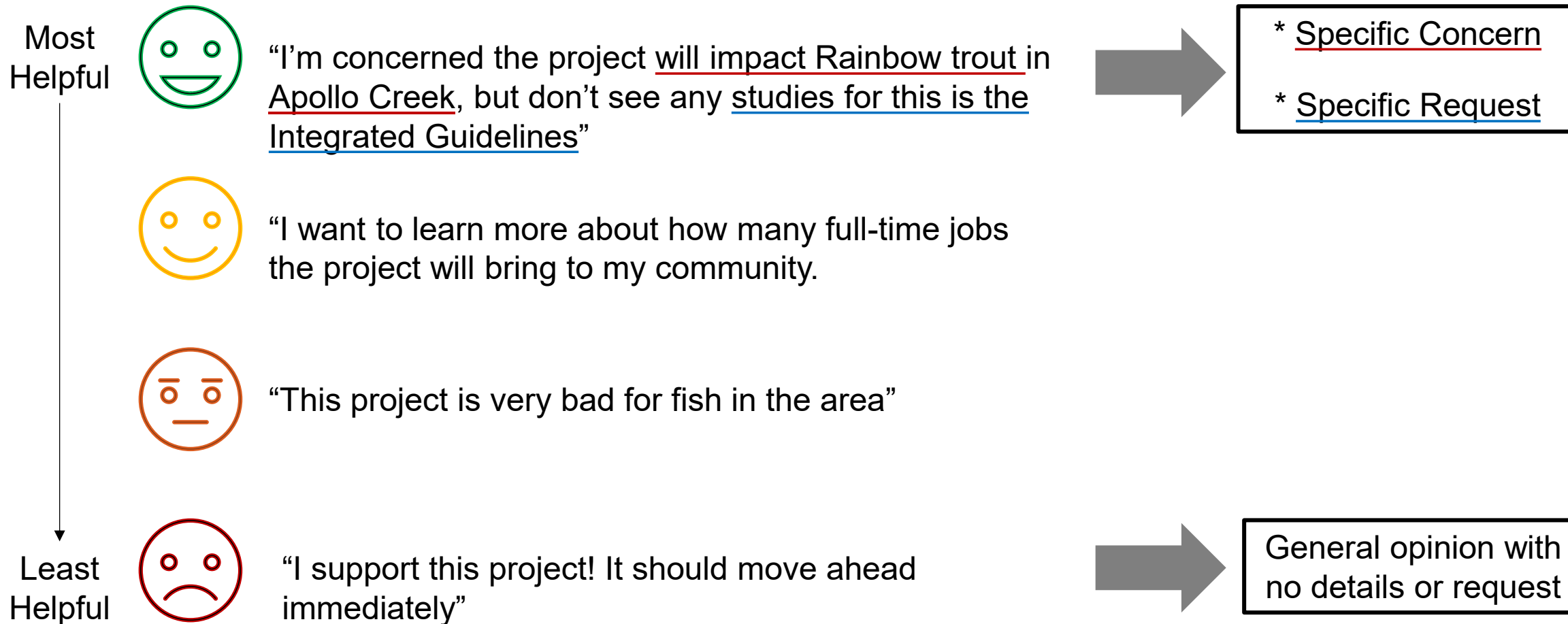
Ways to Participate

The integrated assessment process includes several opportunities for **public participation** through various means, including:

- providing comments online via the Registry or by mail
- attending info sessions online or in person, public hearings
- open-house events, technical workshops
- community meetings with proponent, etc.



Specific comments provide the most meaningful input



* Comments with derogatory language or profanity are **not** accepted

The Canadian Impact Assessment Registry

Bruce C Nuclear Project

Bruce Power is proposing the site preparation, construction, operation and decommissioning of a new nuclear generating station within the existing Bruce Power nuclear power site, located in the Municipality of Kincardine, Ontario. As proposed, the Bruce C Nuclear Project would provide up to 4,800 megawatt-electric of new nuclear generating capacity in Ontario and operate for 60 to 100 years. Several nuclear reactor technologies will be considered for the project. The project assessment is being conducted in collaboration with the Canadian Nuclear Safety Commission.

Latest update

January 15, 2025 — The Impact Assessment Agency of Canada [suspended the timeline](#) for the impact assessment at the [request of the proponent](#).

At a glance

Planning	Impact Statement	Impact Assessment	Decision Making	Post Decision

Time limit suspension
 The time limit for the impact assessment process was suspended on January 15, 2025 at the request of the proponent and the number of days will not advance.

Planning [↗](#)
 Suspended 111/180 days

Key documents

- [From the Impact Assessment Agency of Canada to Bruce Power re: Response to request for time limit suspension](#) | January 15, 2025
- [Notice of Referral to Review Panel](#) | December 20, 2024
- [Notice of Impact Assessment Decision with Reasons](#) | December 20, 2024
- [Response to Summary of Issues](#) | December 6, 2024
- [Summary of Issues](#) | November 6, 2024
- [Notice of Time Limit Resumption](#) | October 22, 2024
- [Notice of Time Limit Suspension with Reasons](#) | September 11, 2024
- [Summary of the initial project description of a designated project](#) | August 1, 2024
- [Initial project description of a designated project](#) | August 1, 2024

Comment periods

- [Public notice - Public comments invited](#) | August 12, 2024 to October 28, 2024 - Closed

Participate

Submit a Comment

View Comments
Total: 166

[View interactive map](#)

Disclaimer

- Location: Municipality of Kincardine (Ontario)
- Nature of Activity: Nuclear Energy
- Assessment Status: Suspended
- Start Date: 2024-08-12
- Proponent: Bruce Power
- Authorities: Impact Assessment Agency of Canada
- Assessment Type: Integrated assessment by Review Panel
- Reference Number: 88771

Nearby assessments
...within 200 kilometres

- Deep Geologic Repository Project for Low and Intermediate-Level Radioactive Waste: Bruce Nuclear Site
- Douglas Point Waste Facility Infrastructure Decommissioning Project: Douglas Point Waste Facility (DPWF)
- Port Elgin Maintenance

Bruce C Nuclear Project

Disclaimer

The use of this online submission tool is voluntary and subject to the [Terms of Use](#). To submit information or comments, you will need to provide a valid email address. Information submitted via this tool must comply with the [Submission Policy](#) and should not contain confidential information or inappropriate content. Refer to the contact information identified on the relevant assessment page to submit information via other means.

Submit a comment

[View existing comments](#)

Planning



Public Comment Period

Reminders:

Submit your comments on the:

- Draft Integrated Tailored Impact Statement Guidelines
- Draft Public Participation Plan

Before July 11, 2025 at 11:59 pm

Contact information :

Impact Assessment Agency of Canada

Bruce C Nuclear Project

613-957-0700

bruce@iaac-aeic.gc.ca

Media relations :

Media@iaac-aeic.gc.ca

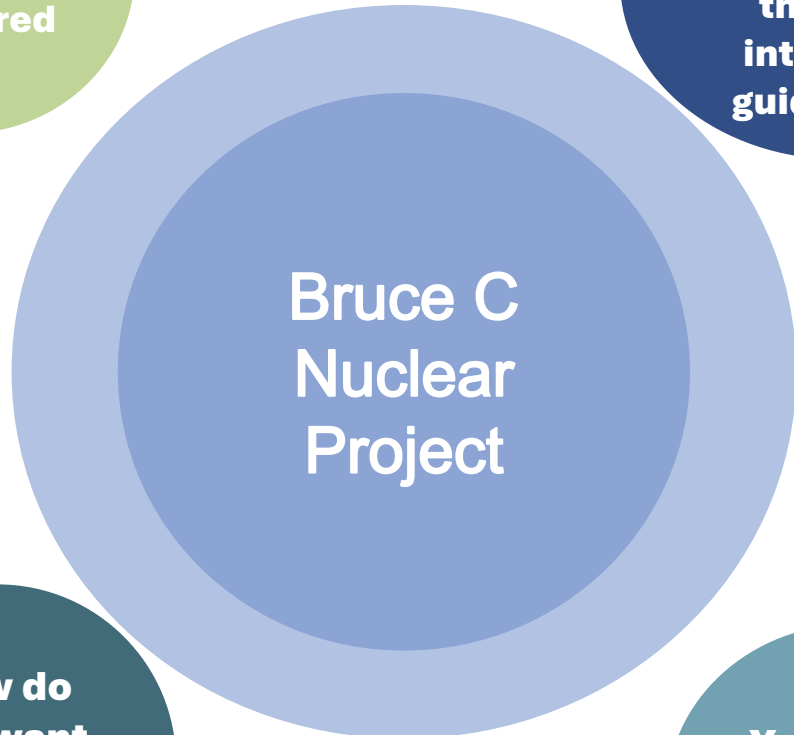


Discussion

TIME FOR YOUR COMMENTS AND QUESTIONS




We want to hear from you about.....



What questions must be answered ?

What should we know about your community?


Are your concerns reflected in the draft integrated guidelines?


What do we need more information about?


Your ideas about the project


How might the project impact you?


How do you want to be involved?


What are the key Issues?


What are your concerns


Thank you!



Questions?

Comments?

[Bruce C Nuclear Project](#)

613-222-3507

bruce@iaac-aeic.gc.ca

Social Media: @iaac_aeic #BruceNuclear



Your Feedback Matters

English Survey

Enquête en français



The Impact Assessment Agency of Canada wants to understand what works for you and what IAAC could improve when it comes to its public engagement initiatives like this one. The survey takes about 15 minutes to complete, and your participation is voluntary and confidential.