

Open Doors Peace River Nuclear Power Project

INTEGRATED GUIDELINES – JUNE 2025

Agenda

1. Short Presentation
 - The Project
 - The Process
2. Open Discussion- what are your questions and comments?
3. Integrated Guidelines Walk-through
4. Questions



Peace River Nuclear Power Project

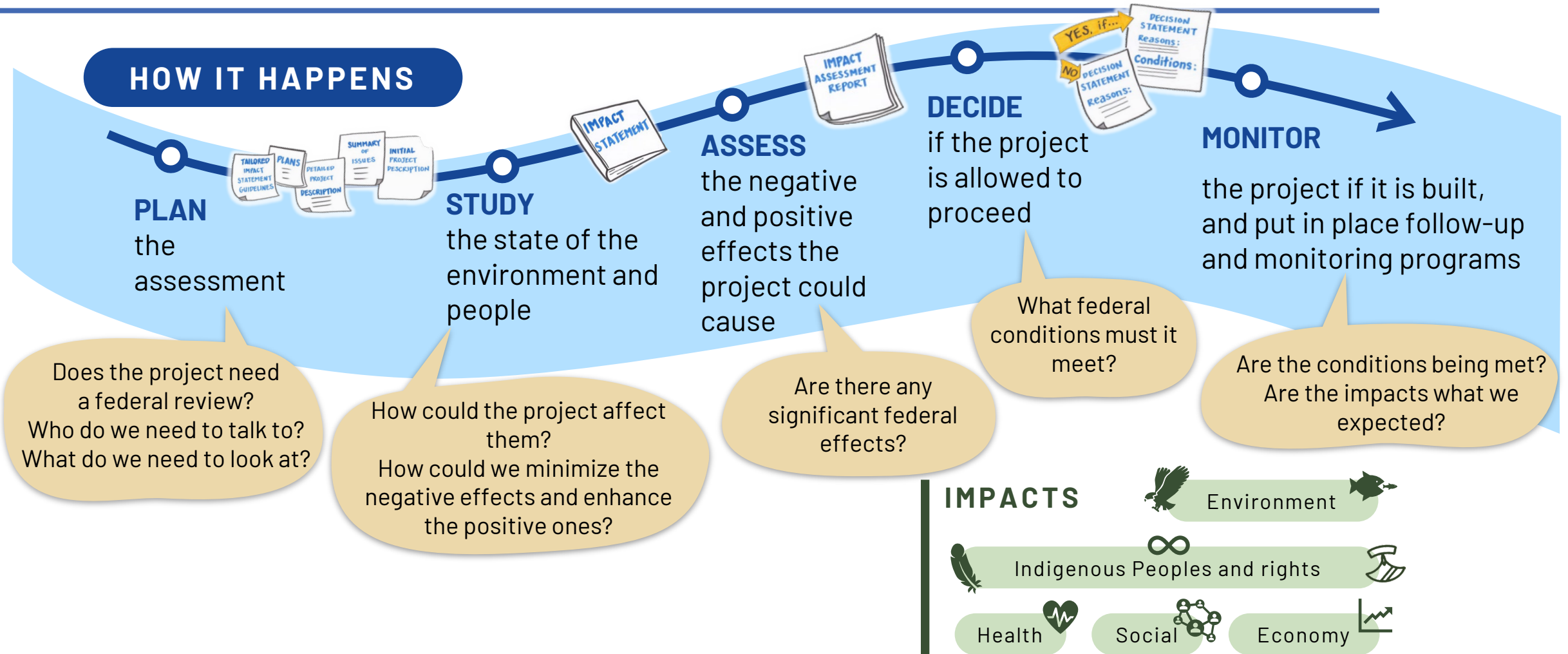


(Image source: Peace River Nuclear Power Project – Initial Project Description – April 2025)

- Energy Alberta is a private-sector company proposing a new nuclear generating station consisting of two twin CANDU MONARK (4 in total) nuclear reactors
- The project would provide up to 4,800 megawatt-electric of new nuclear generating capacity in Alberta and operate for approximately 70 years
- The Impact Assessment Agency of Canada (IAAC) and the Canadian Nuclear Safety Commission (CNSC) are conducting an Integrated Assessment to evaluate this proposed project
 - As part of the assessment, Energy Alberta must apply for a CNSC Licence To Prepare Site, which is the first of multiple licences required over a nuclear facility's lifetime.



Phases of an integrated 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

- Comments posted online are publicly visible and housed on the Canadian Impact Assessment Registry
- Members of the public, IAAC, CNSC, the proponent and other stakeholders, and Indigenous Nations and Communities can see your comments

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

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Draft Integrated Guidelines

The [Integrated Guidelines](#) inform Energy Alberta what information needs to be provided and how they need to collect and analyze that information for their project

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

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 

CNSC’s overlapping expectations on site evaluation have been incorporated into the Integrated Guidelines



Integrated Guidelines



Integrated Guidelines **can**:

- ✓ Request information to understand:
 - the environment and community
 - the project and its components
 - potential project effects
 - cumulative effects
- ✓ Identify ways to minimize negative project effects and maximize positive effects
- ✓ Focus the assessment on key issues of greatest importance and concern

Integrated Guidelines **can not**:

- × Force the proponent to change, stop, or significantly delay their project
- × Approve or provide pre-approval for the project
- × Provide instructions to parties other than the proponent (i.e., provincial ministries or federal departments)



How to Provide Meaningful Input

Most
Helpful



“I’m concerned the project will impact Rainbow Trout in Apollo Creek, but don’t see any studies for this in the Integrated Guidelines”



* Specific Concern
* Specific Request



“I want to learn more about how many full-time jobs the project will bring to my community.”



“This project is very bad for fish in the area”

Least
Helpful



“I support this project! It should move ahead immediately”



General opinion with
no details or request

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

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

Peace River Nuclear Power Project

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 your concerns?



What are the key Issues?

