

Report Title:	Bruce C Project Notice of Impact Assessment Submission and Comment Deadline		
Prepared By:	Sonya Watson, Chief Administrative Officer and Rachel Bryan, Municipal Executive Coordinator		
Department:	Administration		
Date:	September 10, 2024		
Report Number:	CAO2024-14	File Number:	C11AD
Attachments:	Bruce C Project IPD Exec Summary, Public Information Session (August 20, 2024), Brockton Submission		

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number CAO2024-14 – Bruce C Project, prepared by Sonya Watson, Chief Administrative Officer and Rachel Bryan, Municipal Executive Coordinator and in doing so receives the Bruce C Project Notice of Impact Assessments Submission and Comment Deadline Report and authorizes the proposed submission to the Impact Assessment Agency of Canada.

Report:**Background:**

The Municipality received notice on August 12th, 2024 from the Impact Assessment Agency of Canada (IAAC) regarding the submission of an Initial Project Description (IPD) for the Bruce C Nuclear Project.

The public commenting period on the summary of the IPD is from August 12 to September 12, 2024. Comments received during this period will be used to prepare a Summary of Issues by IAAC on the Bruce C Project. The summary of issues will help shape the guidelines that will direct the matters that need to be addressed by Bruce Power through the Impact Assessment process.

Commenting now is important to help the IAAC assess what matters should be reviewed in relation to planning Phase One of the integrated assessment process.

The Municipality received notice from the Impact Assessment Agency of Canada (IAAC) that it received an Initial Project Description (IPD) for the Bruce C Nuclear Project proposed by Bruce Power. <https://iaac-aeic.gc.ca/050/evaluations/proj/88771>

The Bruce C Project aims to expand nuclear capacity at the Bruce Power site by up to 4,800 MWe, supporting Ontario's energy needs and carbon emissions goals. The Independent Electricity System Operator's (IESO)

2022 Pathways to Decarbonization Report highlighted the need for 69,000 MWe of non-emitting supply by 2050, including 17,800 MWe of nuclear capacity.

The Initial Project Description provides information about for the Bruce C project, including:

- Project Description
- Summary of early engagement with municipal government
- Summary of early engagement with first nations and communities
- Studies relevant to the project
- Project Information, including need, project activities and timeline
- Description of physical and biological environment of the project location
- Health, social and economic context
- Federal, provincial, territorial, indigenous and municipal involvement
- Potential effects of the project
- Potential impacts to indigenous peoples
- Estimate of greenhouse gas emissions
- Types of waste and emissions generated by the project

The Initial Project Description is an extensive document. [A plain language and full initial project description](#) are both available on the Canadian Impact Assessment Registry site.

Printed copies are also available at the Port Elgin, Kincardine and Tiverton Public Libraries as well as the County of Bruce Administrative Office in Walkerton.

Bruce Power prepared an executive summary of the Initial Project Description that focuses on key information for municipalities. This document is attached to this report.

Analysis:

The 30-day public comment period on the Initial Project Description ends on September 12, 2024. IAAC will prepare a summary of issues based on comments received during the public comment period. The proponent will prepare a response to the summary of issues and if necessary, prepare a detailed project description.

It is anticipated that IAAC will determine an impact assessment is required for the Bruce C Project. Once that occurs, the federal Minister refers the assessment to an integrated review panel. IAAC will then prepare a draft tailored Impact Statement Guidelines and plans for the project. These guidelines will be released for public comment. IAAC anticipates the next comment period will be in November 2024.

County of Bruce Staff presented a report and supporting documentation to County Council on [September 5, 2024](#). County Staff reviewed the documents and have studied the impacts of the project, sharing this information with the municipalities.

Municipal Staff have prepared a draft letter for Council consideration to submit to the Impact Assessment Agency of Canada outlining the impacts of the project for the Municipality of Brockton considered at this time.

The letter is attached and the main points include:

Economic Development – Positive direct and indirect economic impact to provide economic stability in the region.

Environmental Impacts – Confirm environmental and human health is considered for the project.

Socio-economic Impacts – Increased demand on infrastructure and services delivered by the municipality and other levels of government that impact the residents:

There will be increased demand on infrastructure and services delivered by the municipality and other levels of government that impact the residents:

- community and recreational infrastructure and services
- emergency management planning and response
- emergency services – fire, police and paramedics
- growth management & land use planning services
- housing, including market-housing and affordable community-based housing
- roads and transportation infrastructure
- sewer and water infrastructure
- traffic and safety
- waste management
- Childcare Services
- Public transportation(transit)
- Broadband internet and cellular coverage
- Local health care and hospitals (doctor recruitment)
- Public and Secondary Schools
- Post-secondary education
- County and Provincial highways
- Employment Services
- Immigration Services
- Long-term Care
- Human Social Services

Financial Impacts – Need prepare communities for growth, infrastructure investment and demand for services. This preparation is required to support Bruce Power as an employer, their employees, and broader community.

Cumulative Impacts – potential impact of scale of energy investment happening in the region;

Timeline

The Initial Project Description includes a proposed timeline of activities related to the potential Bruce C project:

Project Phase	Anticipated Schedule (Start – Finish)	Notes
Impact Assessment	Approximately 3 - 4 years (2024 – 2027/2028)	The 2024 Federal Budget set a three-year target for nuclear project reviews, but Bruce Power believes the IA process could take up to four years due to necessary engagement. The

		IA will also include an application for a CNSC Licence to Prepare Site.
Site Preparation	Approximately 3 years (2028 – 2031)	Requires integrated approval for IA and Licence to Prepare Site.
Construction & Commissioning	Approximately 14 years (2031 –2045)	Requires CNSC Licence to Construct. Assumes one year between subsequent unit deployments.
Active Operation	Approximately 60 - 100 years	Requires CNSC Licence to Operate. Assumes 60 - 100 year operational lifespan dependent on the technology selected.
Safe Storage Operation	Approximately 30 years	Application under CNSC Licence to Operate.
Decommissioning	Approximately 10 years	Requires Detailed Decommissioning Plan.
Abandonment	Thereafter	Application under CNSC Licence to Abandon.

If the Government of Canada, through the Impact Assessment process determines that the project is of public interest, a licence to prepare the site will be issued as part of the integrated assessment process. Should the Province of Ontario and Bruce Power choose to proceed with a new build on Bruce Power’s existing site, additional permitting and licensing activities would be required.

We recommend participating in the opportunity to be engaged and provide comments on the Initial Project Description through the formal Impact Assessment process that are similar to those submitted by the County of Bruce and attached here. Further, we look forward to actively engaging in a meaningful way with the support of the County of Bruce staff at this time.

Strategic Action Plan Checklist:

What aspect of the Brockton Strategic Action Plan does the content/recommendations in this report help advance?

- Recommendations help move the Municipality closer to its Vision Yes
- Recommendations contribute to achieving Heritage, Culture, and Community N/A
- Recommendations contribute to achieving Quality of Life Yes
- Recommendations contribute to achieving Land Use Planning and the Natural Environment Yes

- Recommendations contribute to achieving Economic Development Yes
- Recommendations contribute to achieving Municipal Governance N/A

Financial Impacts/Source of Funding:

- Do the recommendations represent a sound financial investment from a sustainability perspective?
N/A

No cost or revenue associated with this report.

Reviewed By:



Trish Serratore, Chief Financial Officer

Respectfully Submitted by:



Sonya Watson, Chief Administrative Officer



Rachel Bryan, Municipal Executive Coordinator