



Oral Presentation

Exposé oral

**Written submission from the
Organization of Canadian Nuclear
Industries**

**Mémoire de
l'Organization of Canadian Nuclear
Industries**

In the Matter of the

À l'égard de

Darlington New Nuclear Project

**Projet de nouvelle centrale nucléaire de
Darlington**

Application to renew the nuclear power
reactor site preparation licence for the
Darlington New Nuclear Project

Demande de renouvellement du permis de
préparation de l'emplacement d'une centrale
nucléaire pour le projet de nouvelle centrale
nucléaire de Darlington

Commission Public Hearing

Audience publique de la Commission

June 10, 2021

10 juin 2021

April 30, 2021

Senior Tribunal Officer, Secretariat
Email: cnscc.interventions.ccsn@canada.ca

Re Hearing Notice NO: 2021-H-04
OPG Nuclear Power Reactor Site Preparation License for the Darlington New Nuclear Project

Dear Senior Tribunal Officer

On behalf of the Organization of Canadian Nuclear Industries (OCNI) I would like to express my support OPG's Nuclear Power Reactor Site Preparation License Application for the Darlington New Nuclear Project.

OPG has renewed planning for new nuclear power development at the DNNP site recognizing that nuclear power provides safe, reliable baseload low-carbon electricity generation in Ontario and will play a key role in Canada's plan to reach net-zero by 2050.

Supporting the Canadian Net Zero plan OPG has included new nuclear generation and SMRs in its Climate Change Plan issued in late 2020. A key part of OPG's Climate Change Plan is to renew its existing Darlington Site Preparation License. Using the Darlington site for new nuclear will enable deployment of the next generation of grid-scale nuclear power plants in Canada sooner than at any other location.

In support of OPG's original "Application for a License to Prepare Site", OPG undertook extensive studies, assessments and consultations with Indigenous communities and stakeholders to complete the site evaluation studies and develop the Environmental Impact Statement (EIS). These studies concluded that the Darlington site is suitable for a new nuclear plant and the Environmental Assessment concluded that the project will not cause any adverse effects assuming mitigation measures are implemented. The Joint Review Panel accepted the DNNP EA.

In support of the Site License renewal, OPG completed a review of the DNNP site evaluation in accordance with its DNNP Power Reactor Site License Renewal Plan that addressed:

1. Regulatory Document REGDOC-1.1.1 (Site Evaluation and Site Preparation for New Reactor Facilities, Requirements and Guidance) including: a) a review of the original application against REGDOC-1.1.1 requirements to address gaps; b) a review of current codes, standards and practices referenced in the licensing basis and those associated with CNSC REGDOC-1.1.1; and c) an update baseline data at the site.
2. Indigenous engagement with respect to the site license renewal.
3. Public engagement with respect to the site license renewal.
4. Review of the management system that governs site preparation activities.

Based on our review OCNI believes that OPG has completed all of these undertaking thoroughly and transparently.

OCNI has therefore concluded the Darlington NNP Site is suitable for a new nuclear generation. We also believe that OPG's Site Preparation License activities pose no unreasonable risks to the staff, the public or the environment.

For the reasons cited above supported by OPG's excellent track record of safe nuclear operations, its concern for the environment, and its strong commitment to community and Indigenous engagement, OCNI strongly supports OPG's Nuclear Power Reactor Site Preparation License Application for the Darlington New Nuclear Project.

I would also be pleased to make an oral presentation at CNSC Public Hearing on June 9/10.

Yours sincerely



Dr. Ron Oberth
President and CEO