



Supplementary Information

Renseignements supplémentaires

Presentation from the Canadian Nuclear Workers' Council

Présentation du Conseil canadien des travailleurs du nucléaire

In the Matter of the

À l'égard d'

Ontario Power Generation Inc.

Ontario Power Generation Inc.

Application for a licence to construct one BWRX-300 reactor at the Darlington New Nuclear Project Site (DNNP)

Demande visant à construire 1 réacteur BWRX-300 sur le site du projet de nouvelle centrale nucléaire de Darlington (PNCND)

Commission Public Hearing
Part-2

Audience publique de la Commission
Partie-2

January 8-10 and 13-14, 2025

8-10 et 13-14 janvier 2025

Submission from the Canadian Nuclear Workers' Council

Bob Walker – National Director

Reference: CMD 24-H3.76

Ontario Power Generation (OPG)

Application for a Licence to Construct one BWRX-300

Reactor at the Darlington New Nuclear Project (DNNP) Site



Canadian Nuclear Safety Commission
Public Hearing

January 8, 9, 10, 13 and 14, 2025

Canadian Nuclear Workers Council (CNWC)



Who We Are

The CNWC was Formed in 1993 as an association of Unions representing Workers employed in all aspects of Canada's Nuclear Industry.

- Uranium mines and mills,
- Nuclear fuel manufacturing,
- Nuclear Power Plant (NPP) operation and maintenance,
- NPP development and deployment including engineering, construction, refurbishment and decommissioning.
- Medical isotope production,
- Nuclear research and development, and
- Nuclear waste handling management.

District Labour Councils in a number of Nuclear Host Communities are also CNWC Affiliates.

CNWC Goals



Goals of the CNWC:

- ensure the perspectives of Canada's Nuclear Workforce are heard,
- strengthen the collective role of Nuclear Workers via their Unions as partners in Canada's Nuclear Industries,
- enhance public knowledge about the many benefits of Canada's nuclear industry,
- ensure dialogue is based on facts, and
- share information.

The CNWC is a frequent participant in the regulatory process.

CNWC Activities



We undertake a number of activities to accomplish our goals, including: preparing policy papers, publishing a newsletter, participating in various information sharing events, engaging on social media and posting relevant information on our website.

We also hold an annual conference that rotates amongst the various communities hosting Canada's nuclear facilities.

- At our 2023 conference in Clarington, OPG provided an update on their DNNP and CNWC Affiliates had an opportunity to tour the Darlington Site including the Darlington Nuclear Generating Station and the Darlington Nuclear Information Centre.
- At our 2024 conference in Saskatoon, GE Vernova provided an update on the development and deployment of their BWRX-300 Reactor.

CNWC Affiliates at the Darlington Site



The Women and Men employed at the Darlington NPP, the Darlington Waste Management Facility and the Darlington Refurbishment Project are represented by the Power Workers' Union, the Society of United Professionals, Member Unions of the Provincial Building and Construction Trades Council of Ontario (Ontario Building Trades) and Unifor-SPEA.

Those Unions will be representing people employed at the Darlington New Nuclear Project through its evolution.

Members of the United Steelworkers (USW) manufacture reactor components that will be used at the DNNP and Members of the USW and Unifor mine/mill and process the uranium that will continue to fuel Canada's nuclear reactors.

Those Unions, as well as the Durham Region Labour Council, are all CNWC Affiliates. Many of them have also submitted interventions for this hearing.

CNWC – Our Priority



For the CNWC and our Affiliated Unions workplace health and safety is paramount.

Workplace health and safety, public safety and the protection of our environment are intricately linked.

When our workplaces are safe it's better for the environment and safe workplaces result in safer communities.

Many nuclear workers live and play in nuclear host communities along with their friends and families.

The women and men working in our nuclear industry are highly skilled professionals.

We take our responsibilities seriously.

Nothing is more important.

The Darlington New Nuclear Project (DNNP)



The DNNP encompasses the life cycle of up to 4 new nuclear reactors.

The CNWC and CNWC Affiliates have been engaged with the DNNP since its inception:

- Participation in OPG's community consultation sessions on the DNNP Environmental Impact Statement,
- In 2011 we made written and oral submissions to the Joint Review Panel,
- In 2021 we participated in the CNSC Public Hearing on OPG's application to renew the DNNP Power Reactor Site Preparation Licence, and
- In January 2024 we submitted a written intervention for the CNSC Public Hearing on the applicability of the DNNP EA, EIS and PPE to the BWRX-300 Reactor.

OPG's Application for a Licence to Construct

The CNWC is in full support of OPG's application for a licence to construct the first of four BWRX-300 reactors at the DNNP site as well as OPG's written submission in support of that application.

OPG has systems in place for the management of all Safety and Control Areas (SCAs).

These systems are proven and effective, resulting in workplaces with standards of occupational health and safety that are second to none.

The Unions at OPG's nuclear facilities have developed mature and effective working relationships with OPG.

The Darlington NPP has a strong record of safe operations with world class operating performance We fully expect this high level of performance to continue through the lifecycle of the DNNP.

OPG is qualified to undertake the construction of a BWRX-300 Reactor at the Darlington Nuclear site.

CNSC Staff's Assessment of OPG's Application



We are in full support of CNSC Staff's assessment of OPG's application as well as their conclusions.

- OPG is qualified to carry on the activities authorized by the licence.
- OPG will make adequate provision for the protection of the environment and the health and safety of people.

We are also in full support of CNSC Staff's recommendation that the Commission issue a licence authorizing OPG to construct a BWRX-300 reactor at the DNNP site subject to CNSC Staff's stated conditions.

Concluding Remarks



The DNNP will:

- provide additional safe, clean and reliable generation at the Darlington site,
- help reduce our carbon emissions,
- enable the potential construction of additional new nuclear in both Ontario and Saskatchewan, and
- support potential export opportunities.

This project will benefit the environment, boost economic activity and provide high quality employment opportunities.

OPG has been a responsible community partner.

OPG's Darlington NPP is recognized for its excellent operational performance with standards of occupational health and safety that are second to none.

The Darlington Refurbishment Project has been successful in every measure,

We fully expect this high level of performance to continue through the lifecycle of the DNNP.

Conclusion and Thank-you



The CNWC is in full support of OPG's application and respectfully recommends the Commission issue a licence to OPG for the construction of a BWRX-300 reactor at its DNNP site.

Thank-you to the Commission, CNSC Staff and everyone participating in this process.

A transparent public process and strong regulatory oversight help maintain the high standards of health and safety that we see in our workplaces and in our communities.