



Supplementary Information

Presentation from the Society of United Professionals

In the Matter of the

Ontario Power Generation Inc.

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

Commission Public Hearing Part-2

January 8-10 and 13-14, 2025

Renseignements supplémentaires

Présentation de la Society of United Professionals

À l'égard d'

Ontario Power Generation Inc.

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

Audience publique de la Commission Partie-2

8-10 et 13-14 janvier 2025

SUBMISSION TO THE CANADIAN NUCLEAR SAFETY COMMISSION

DARLINGTON NEW NUCLEAR PROJECT – LICENSE TO CONSTRUCT

INTRODUCTION

- Joined today by:
 - Rebecca Caron, President of the Society of United Professionals
 - Joe Fierro, Vice-President of the OPG Local
 - Ryan Reeson, Unit Director, OPG Local
 - Ralph Chatoor, Executive Vice-President of the Society of United Professionals



REBECCA CARON, PRESIDENT SOCIETY OF UNITED PROFESSIONALS

- Elected as President of the Society in December 2024, following 15 years of dedication as a labour activist with the Society of United Professionals-IFPTE Local 160
- First Line Manager in Reactor Maintenance Projects at Ontario Power Generation (OPG), Rebecca draws on her professional experience in the nuclear industry to advocate for the decarbonization of Ontario's electric grid
- Has served on various committees at OPG, including the Radiation Protection Committee, the Joint Society-Management Committee, and OPG's Corporate ED&I Committee



ABOUT THE SOCIETY

- Union representing over 10,000 professionals in the energy and legal sector
- For over 80 years, we have represented workers in Ontario's electricity sector, including workers in all of Ontario's nuclear generating stations
- We stand behind our members' professionalism, integrity, and commitment to excellence in all areas, particularly workplace safety, public health, and environmental sustainability.



DARLINGTON NEW NUCLEAR PROJECT

- The Society strongly supports the Darlington New Nuclear Project
- Catastrophic climate change is the greatest threat facing humanity
 - We need to end reliance on fossil fuels
- The IESO has forecasted that to achieve net-zero emissions by 2050, we need to triple the province's existing nuclear capacity
- The Darlington site is an ideal location for new nuclear generation
 - Supportive local community
 - Expertise of thousands of skilled nuclear workers
 - Existing transmission infrastructure and corridors



ENVIRONMENTAL PROTECTION

- CNSC January 2024 hearing on applicability of 2011 environmental assessment
- The Society engaged Dr. Kirk Atkinson, PhD, to provide opinion on applicability of 2011 environmental assessment for BWRX-300
- Based on Dr. Atkinson's assessment, the Society submitted the 2011 EA, which was applicable to the BWRX-300
- April 2024 CNSC Decision – new EA not required



NUCLEAR SAFETY

- The Society considers the issue of nuclear safety to be of paramount importance
- BWXR-300 SMR is first-of-its-kind technology, but is 10th generation of GE-Hitachi's boiling water reactor design
- There are bound to be challenges that arise from the construction of first-of-its-kind technology
- Proposed license contains “facility-specific conditions which require OPG to provide additional detailed information, prior to the removal of regulatory hold points.”
- With the inclusion of these regulatory hold points, the Society trusts the regulatory process to ensure all safety standards are adhered to at every step of the licensing process.



INDIGENOUS CONSULTATION

- The DNNP site is situated within the lands and waters of the Michi Saagiig Anishinaabeg, the Gunshot Treaty and the Williams Treaties First Nations, including Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, the Mississaugas of Scugog Island First Nation, Chippewas of Beausoleil First Nation, Chippewas of Georgina Island First Nation and the Chippewas of Rama First Nation.
- The Society believes that continued work towards reconciliation is incumbent on all of us, and meaningful engagement with the local Indigenous communities whose land and waters the DNNP's site belong to must be a necessary condition in projects like the DNNP.
- The Society is satisfied that through the inclusion of Indigenous engagement requirements as a condition of the licence to construct, the regulator is provided with a mechanism of regulatory oversight to ensure Indigenous Nations are engaged in a meaningful way throughout the construction process, and to protect the rights and interests of Indigenous Nations.



CONCLUSION

- The Society takes great pride in the contributions its members have made to the safe, reliable operation of existing nuclear generating stations in Ontario
- We are grateful for the opportunity to present to the Commission at today's hearing
- The Society strongly supports the proposed license to construct at the Darlington New Nuclear Project site
- We look forward to working with all parties involved in the years to come

