



CMD 26-H7.24A

Date: 2026-09-21

Supplementary Information

Presentation from the Society of United Professionals

In the matter of

Ontario Power Generation

Application to refurbish Pickering Nuclear
Generating Station and to renew licences
for the Pickering Nuclear Generating
Station and Waste Management Facility

Commission Public Hearing Part 2

October 6-9, 2026

Renseignements supplémentaires

Présentation de la Society of United Professionals

À l'égard de

Ontario Power Generation

Demande concernant la réfection de la
centrale nucléaire de Pickering et le
renouvellement de ses permis pour la
centrale et l'installation de gestion des
déchets

Audience publique de la Commission Partie 2

6-9 octobre 2026



SOCIETY *of*
UNITED PROFESSIONALS
IFPTE 160

PRESENTATION TO THE CANADIAN NUCLEAR SAFETY COMMISSION

FOR PICKERING REFURBISHMENT & LICENCES (2026-H7)
FOR NUCLEAR GENERATING STATION AND WASTE
MANAGEMENT FACILITY

Presented by: Rebecca Caron, President
Kelly Reid

THE SOCIETY OF UNITED PROFESSIONALS

- Member-driven union representing 12,000 members
- Members work in the energy, municipal, and legal sectors
- More than half work in Nuclear Sector
 - Darlington, Pickering, and Bruce NGSs
- Members are professionals, working with integrity and a commitment to excellence in all areas, particularly workplace safety, public health, and environmental sustainability.



THE SOCIETY'S POSITION

- The Society strongly supports the refurbishment and continued operation of the Pickering Station
 - As well the renewal of both the Power Reactor Operating Licence and the Pickering Waste Management Facility Operating Licence
- We consider the Pickering site to be an ideal location for continued nuclear operation.
 - Supportive local community
 - Thousands of skilled workers with experience
 - Existing transmission infrastructure and corridors
 - Successful track record of fuel management

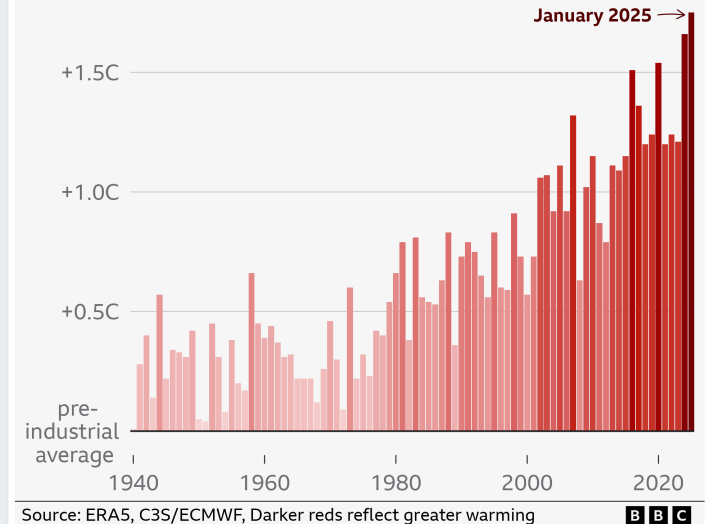


CLIMATE CHANGE & THE ENVIRONMENT

- Catastrophic climate change is the greatest threat facing humanity
- We need to end our reliance on fossil fuels.
 - Requires electrifying the major sectors of our economy with emissions-free electricity generation
- PNGS Units 5–8 currently produce 10% of Ontario's electricity emissions-free
- PNGS refurbishment supports Canada's 2050 climate targets

January 2025 hottest on record

Global average January temperature by year, compared with the pre-industrial average for January, 1850-1900



CLIMATE CHANGE RESILIENCE

- PNGS is ready to handle the effects of climate change
- CNSC staff requested OPG to conduct a climate change resilience assessment of the PNGS Units 5–8 design against available climate projections.
- OPG concluded that nuclear safety analyses remain valid and that the PNGS is prepared for extreme weather events



THE ENVIRONMENT

- CNSC reports on environmental impacts show that potential risks to the environment are low to negligible
- OPG has a well-established and robust environmental protection program
- CNSC staff reviewed OPG's 2025 PERA
 - found that the PERA met regulatory requirements
 - most proposed activities are not predicted to result in adverse effects to people or environment
- Ongoing monitoring by CNSC staff will ensure that environment and health are protected



PUBLIC HEALTH & SAFETY

- The Society has worked with the CNSC and OPG for decades to ensure Public Health and Safety in our stations and surrounding communities.
- We are confident that CNSC and OPG will continue to maintain high standards during the licensing period, through:
 - CNSC conducting regulatory oversight with on-site inspectors
 - CNSC staff promoting compliance through graduated methods
 - Technical specialists will review and assess project execution and technical submissions
 - All prerequisites must be met prior to the release of any regulatory hold points
- OPG is currently undertaking Periodic Safety Review 3. This process was used for Darlington NGS refurbishment as well as other nuclear power plant refurbishments worldwide.

NUCLEAR FUEL SAFETY

- OPG has decades of experience in safely providing interim storage of waste generated from the PNGS at their waste management facilities including at the PWMF
- The NWMO, in accordance with the federal Nuclear Fuel Waste Act (2002), is responsible for implementing Canada's plan for the safe, long-term management of used nuclear fuel.
 - Under the NWMO's plan, a Deep Geological Repository (DGR) for used fuel is expected to be in-service in the mid-2040s



WORKPLACE SAFETY

- The Society expects:
 - worker health and safety to be treated as a core priority, consistent with the Internal Responsibility System
 - a clear commitment to robust safety governance, including strong oversight of contractor performance, comprehensive training and qualification standards, effective Incident Reporting and Learning, and a safety culture that protects workers' right to raise concerns without reprisal
- Year over year, reports show that PNGS and the PWMF continue to meet or exceed the regulatory requirements of the CNSC as demonstrated through CNSC Compliance Verification activities
- Joint Health and Safety Committee serves as a forum to raise concerns of potential hazards and to insist on training in accordance with the appropriate radiation protection qualification

ECONOMIC & PUBLIC GOOD

- Pickering's refurbishment will provide some 30-plus years of power and maintain thousands of skilled jobs across Ontario and Canada.
- Increase Ontario's GDP by \$38.2 billion in 2024 dollars over the project's lifespan
- Refurbishing and continuing operations at Pickering will also sustain some 7,500 jobs a year across Canada over its lifespan including 30,500 jobs a year over the refurbishment period
 - 85-90% of spending is expected to stay within Ontario
- The refurbishment of these units would enable another 30-plus years of cobalt production for the radioisotope industry
 - accounts for 20% of the world's supply, making it one of the world's leading sources of this important life-saving product

INDIGENOUS CONSULTATION

- CNSC staff indicate they are committed to building long-term relationships with Indigenous Nations and communities who have the potential to be impacted by or have an interest in CNSC regulated facilities
- 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 water the project site belong to must be a necessary condition in projects like the PNGS refurbishment.

CONCLUSION

- The Society strongly supports the PNGS Refurbishment Project and relicencing as a critical part of meeting Ontario's growing electricity demand while supporting Canada's net-zero objectives and long-term economic prosperity.
- The Society looks forward to engaging with and working constructively with OPG, the CNSC, Indigenous communities, and other stakeholders to support a project that meets the highest standards of safety, environmental protection, long-term value for Ontario and Canada, and thousands of good jobs.

**THE SOCIETY OF UNITED PROFESSIONALS THANKS
THE CNSC FOR THE OPPORTUNITY TO COMMENT**



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