



Supplementary Information

Renseignements supplémentaires

Presentation from Kinectrics

Présentation de Kinectrics

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 10-11, 2021

10-11 juin 2021



KINECTRICS

In Support of the Application for Renewal of the DNNP Power Reactor Site Preparation Licence

Intervention to the Canadian Nuclear Safety Commission

June 11, 2021



Who we are

- More than 1,200 staff providing complete lifecycle management solutions to the electricity and nuclear industry.
- Based in Etobicoke, with offices and laboratories in:
 - Pickering
 - Downtown Toronto
 - Bruce County
 - United States
 - Germany
 - Denmark
 - Romania
 - United Kingdom
 - India
- Own and operate 3 CNSC licensed facilities.



KI North



Teeswater, ON



Downtown Toronto



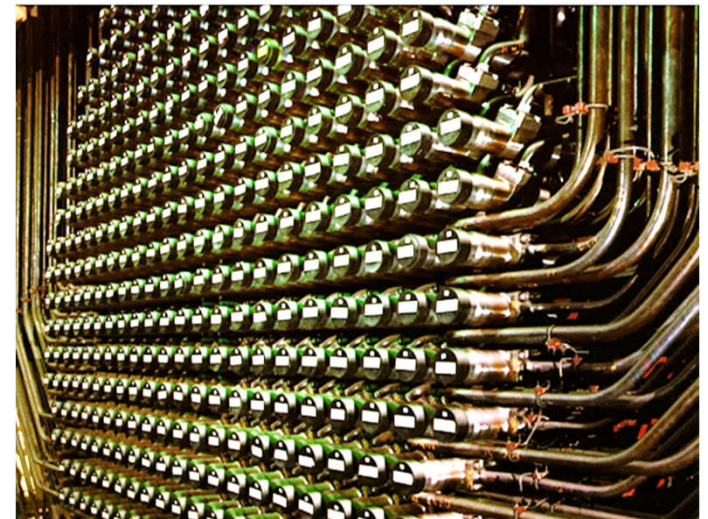
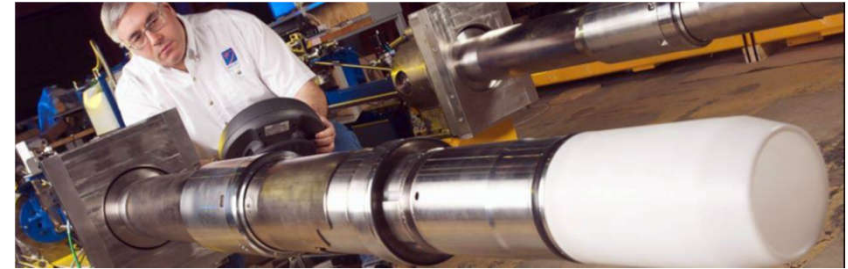
Naperville, IL



Kipling Campus

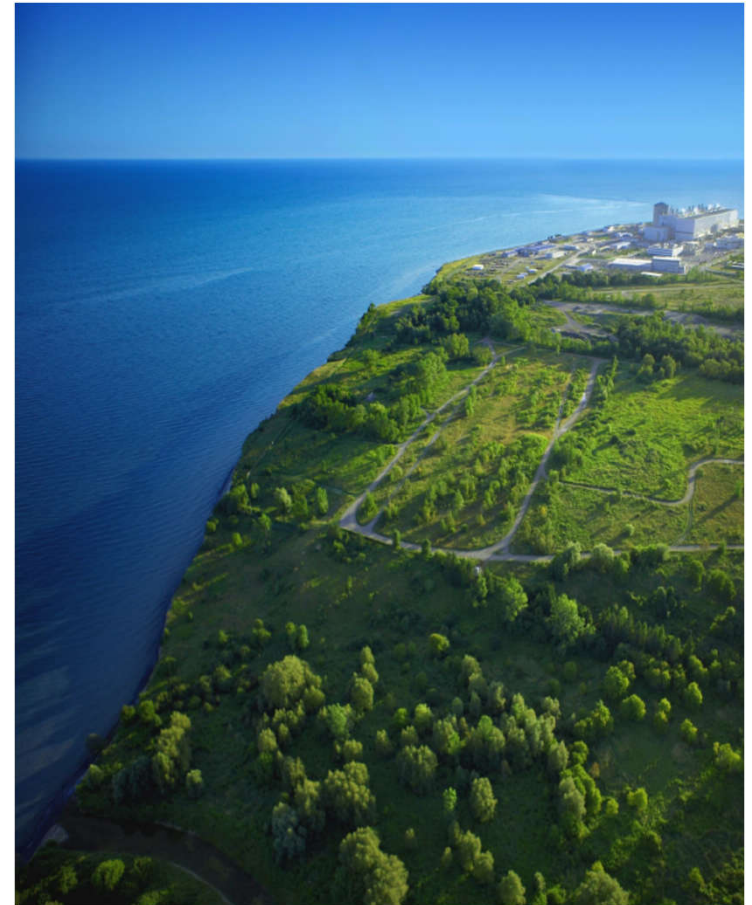
What we do

- Our services include:
 - Field and laboratory testing
 - Inspection and analysis
 - Consultancy services
 - Project management
 - Design, build and deployment of reactor inspection tooling
 - Provision of engineering services in areas such as pressure boundary, piping, instrumentation and controls, systems engineering and human factors
 - Nuclear Safety & Licensing services in areas such as periodic safety reviews and deterministic and probabilistic safety assessments
 - Perform the majority of specialized safety analysis services for Ontario NPPs



Kinectrics involvement in DNNP

- Have been involved since the project inception.
- Selected as Owner's Engineer in 2009.
 - Provided key project and technical oversight
 - Assisted in the review of the design and safety analyses.
- Supported OPG's site preparation licence renewal efforts through review of licence renewal plan, and the development of an Aggregate Assessment report.
 - Report provides a methodology and results that demonstrate the validity of the existing licensing basis for the next licensing period.



Safety at OPG



- Highly effective management of facilities provides a safe work environment for OPG staff as well as ours.
- Rigorous procedures in nuclear, conventional and radiation safety, and environmental protection promote safe work practices both on and off the OPG sites.
- High safety standards are established and maintained by continuous improvement programs directed at both OPG and vendor staff.



OPG and the Environment

- Kinectrics provides analytical and environmental services to OPG that support environmental assessments and monitoring programs.
- OPG are industry leaders in environmental stewardship, maintaining high accountability for conservation and sustainability.



OPG and Aboriginal Relations



- Kinectrics and OPG are both proud members of the Canadian Council for Aboriginal Business (CCAB).
- OPG created the Indigenous Opportunities Network (ION) to increase the number of Indigenous peoples working in the nuclear industry by placing them in the building trades on some of OPG's most diverse and innovative projects.



Impact to Ontario

- Kinectrics shares OPG's vision that an SMR on the Darlington site would benefit all Ontarians and position Durham Region and Ontario as the clean energy capital of the world, while producing hundreds of high-quality, knowledge-based jobs.
- Building on OPG's leadership in this area, Kinectrics is also investing in innovation to support clean energy and to tackle the effects of climate change head on.



Summary

- OPG's commitment to safety of the public, their existing facilities and the environment gives us the highest confidence that they will conduct the site preparation safely and in compliance with regulatory requirements.
- Kinectrics fully supports a ten-year renewal of the Site Preparation Licence for the Darlington New Nuclear Project.





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