



**Written submission from  
Erwin Dreessen**

**Mémoire de  
Erwin Dreessen**

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**

Filed by email on April 30, 2021

Hello,

I write in opposition to OGP's application for construction of a Small Modular Reactor at the Darlington site.

I have carefully considered arguments in favour of and against SMRs and have concluded that, at best, continued low-level research could be supported – this in case, the world utterly fails (say, over the next 10 years) to implement other, more benign and cheaper ways of supplying the energy we need.

IPCC and other models have demonstrated that the world can decarbonize without resorting to nuclear power.

SMRs, even if they would be fully funded today, would take too long to solve the carbon-intensive energy crisis.

SMRs are far more expensive than available alternatives, as is any other nuclear option such as refurbishing existing reactors.

SMRs pose new problems of nuclear waste when there is not yet a solution to the existing waste problem.

SMR technology runs the risk of facilitating nuclear proliferation.

Please deny OPG's application and keep me informed about next steps.

Thank you,

Erwin Dreessen, Ph.D.

Ottawa