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**Written Submission from
Carl Avis**

In the Matter of

Ontario Power Generation Inc.

Proposed Environmental Impact Statement
for OPG's Deep Geological Repository
(DGR) Project for Low and Intermediate
Level Waste

Joint Review Panel

September 16 to October 12, 2013

**Mémoire de
Carl Avis**

À l'égard de

Ontario Power Generation Inc.

Étude proposée pour l'énoncé des incidences
environnementales pour l'Installation de
stockage de déchets radioactifs à faible et
moyenne activité dans des couches géologiques
profondes

Commission d'examen conjoint

16 septembre au 12 octobre 2013

Please accept this letter of support for the Deep Geological Repository (DGR) at the Bruce site.

I was born and raised in Bruce Township. I attended high school in Kincardine during the construction of Douglas Point NGS. In September of 1971 I joined Ontario Hydro as a Nuclear Operator-in-Training. After working in Deep River, The BHWP and Pickering, I moved back to the Bruce in October 1974. In May of 1979 I was licenced by the AECB as an Authorized First Operator at Bruce A. I held that position until I retired in June 2001. As you can see I have been around the nuclear industry for most of my adult life. In 1979 we built a house in Inverhuron, raised our family there, and still live there.

From talking with some of my neighbours I am finding that they do not separate the high level DGR study from the low/medium level hearings that are happening. They seem to think that this is all about used fuel storage. Most of them do not realize that the only difference in radioactive waste treatment in the Province with the DGR is that it will be stored underground and not in sheds as it currently is. I also find that most people do not realize that all of the power industry's low and medium level radioactive waste has been stored here for many years. The volume of radioactive waste coming to the site will not increase dramatically when the DGR is built. Therefore the amount of truck traffic to the area will not change whether waste is stored above or below ground.

Storing radioactive waste in underground vaults would seem to be the best solution to protect the environment well into the future. We must consider the possibility that far into the future the human race may not retain the technology to deal with radioactive substances. It is much better to have the rad waste well out of reach and not lying about on the surface if that event should happen.

Perhaps because of my training and work experience I have no reservations about the current method storage of nuclear waste at the Bruce site. The storage facility is less than 6 kilometers from our home. I can only see the DGR as an improvement of that method.

The hue and cry coming from those opposed to the DGR appears to be based on emotions rather than science facts. Our rad waste has to be stored in somebody's back yard, so it might as well be the back yard of those who understand the problem, are familiar with the risks, and who have dealt with it for some time. Geological testing has proven that this is a suitable back yard. So let's build it in my back yard.

Thanks for considering my input on the DGR.

Carl Avis