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Written Submission from

Allan A. Grunder

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

Allan A. Grunder

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

SUBMISSION TO JOINT REVIEW PANEL ON THE PROPOSED DEEP
GEOLOGICAL REPOSITORY (DGR) PROJECT FOR LOW AND INTERMEDIATE
LEVEL NUCLEAR WASTE

Reason for being late with my submission.

1. I requested permission to participate in the hearing on July 2, 2013 by e-mail but did not receive a response.
2. I have been away from home July 20 to August 12, 2013 and had forgotten that the submission should have been received by August 13, 2013.
3. While late with this submission, I do not believe that other interested parties would be at a disadvantage in that my opinions are based on information already available to the general public.

Concerns to be considered by the Joint Review Panel

1. While I support the concept of a DGR for low and intermediate level nuclear waste, I object to the location so close to Lake Huron, an international body of water shared with the USA. While of low probability, a serious earthquake could seriously damage the storage vaults if not the containers and potentially contaminate ground water and Lake Huron.
2. The Senate of the neighbouring US state of Michigan's passed a resolution in May 2013 requesting that Canadian officials thoroughly review Ontario's Power Generation's (OPG's) proposed DGR for low and intermediate level nuclear waste. The proposed site will be 1.2km from Lake Huron. A Senate resolution stated that Michigan's criteria for low level nuclear waste storage do not allow any site located within 10 miles of Lake Michigan, Lake Superior, Lake Huron, Lake Erie, the St. Mary's River, the Detroit River, the St. Clair River, or Lake St. Clair.

I strongly suggest that OPG also construct the DGR more that 10 miles from significant bodies of water, particularly international ones including Lake Huron.

CONCLUSION

The solution to these concerns would be to place the DGR in Northern Ontario. No location is perfect but the Northern Ontario geological shield should have acceptable rock formations for a DGR, would not have to be near large population centres and would not be near an international body of water.

Allan A. Grunder

August 20, 2013