

NORTHWATCH

January 17, 2017

Lise Morton, Vice President
Nuclear Waste Management
Ontario Power Generation
177 Tie Road, B21
Tiverton, Ontario N0G 2T0

Dear Ms. Morton:

**Re. Information Requests with respect to CEAR# 2883
Additional Information Provided by Ontario Power Generation
Ontario Power Generation's Deep Geologic Repository Project**

Further to the 3 January 2017 posting on the Canadian Environmental Assessment Agency's public registry of the December 2016 reports by Ontario Power Generation, prepared in response to the Minister's February 2016 request for additional information with respect to Ontario Power Generation's proposed Deep Geologic Repository project, we have prepared an initial set of Information Requests.

These Information Requests were generated in the course of Northwatch's preliminary review of two of the seven reports filed by Ontario Power Generation and posted as CEAR# 2883:

- Study of Alternate Locations - Main Submission, 00216-REP-07701-00013
- Description of Alternate Locations, OPG CD# 00216-REP-07701-00014-R000

The information requested is necessary to our review of the OPG filing, and to developing our analysis for submission during the public comment period which will be announced should the reports filed by OPG be found to conform with the Minister's request for additional information.

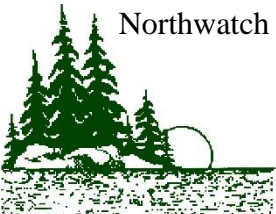
We have made no determination at this point in terms of Information Requests related to the five additional documents, or as a result of the reviews being undertaken technical experts retained by Northwatch. Your direction as to the preferred recipient within the OPG team of any future Information Requests would be appreciated.

Please do not hesitate to contact us if any additional details or clarification would be of assistance as OPG responds to these Information Requests.

Thank you for your attention and assistance.

Sincerely,
<Original signed by>

Brennain Lloyd
Northwatch Project Coordinator



Attachment 1: Table 1: Northwatch Information Request of January 17, 2017

- cc. Honourable Catherine McKenna, Minister of Environment & Climate Change
- Mr. Ron Hallman, President,
- Ms. Robyn-Lynn Virtue, Panel Manager, Canadian Environmental Assessment Agency
- Ms. Donna Pawloski, Ontario Power Generation
- Mr. Rob Dobos, Environment and Climate Change Canada
- Mr. Tom Hoggarth, Fisheries and Oceans
- Mr. John Clark, Natural Resources Canada
- Ms. Debby Leblanc, Health Canada
- Ms. Caroline Ducros, Canadian Nuclear Safety Commission
- Ms. Nathalie Belliveau, Transport Canada
- Mr. Régent Dickey, Major Projects Management Office

Table 1: Northwatch Information Request of January 17, 2017

OPG Report (CEAR# 2883)	Section / Page	Context	Northwatch Information Request
Study of Alternate Locations - Main Submission 00216-REP-07701-00013	Section 2.1.1	Discussion of Technical Feasibility of alternate locations	Provide reference document(s) or source in support of assertions regarding “international practice” of placement at depth
Study of Alternate Locations - Main Submission 00216-REP-07701-00013	Section 6.2, page 63	Incremental Non-Transportation Project Related Costs	Provide referenced document or source for market prices for land acquisition presented in the first bullet.
Study of Alternate Locations - Main Submission 00216-REP-07701-00013	Table 6-4	Risk Estimates Conventional Accidents	Provided referenced source for risk estimates for conventional accidents
Study of Alternate Locations - Main Submission 00216-REP-07701-00013	Section 7.2.1	Support for OPG’s DGR Project	Provide a copy of the Gandalf Group report on 2016 survey of 805 Ontarians [report listed in reference as Gandalf (Group). 2016. <i>Ontario Power Generation, Deep Geologic Repository Study</i> ”]
Study of Alternate Locations - Main Submission 00216-REP-07701-00013	Section 7.2.2	DGR not a concern	Provide a copy of the untitled report of the social media analysis prepared for OPG in the fall of 2016 querying media and internet activity related, as described on pages 72-73 [report title not cited, report not listed in references]

Study of Alternate Locations - Main Submission 00216-REP-07701-00013	Section 11	References	Provide a copy of the report listed as “IEP. 2016. <i>International Expert Panel Views on the Ontario Power Generation Response to the Request of the Canadian Minister of Environment and Climate Change for Assessment of Alternate Locations for the Deep Geologic Repository</i> ”
Description of Alternate Locations OPG CD# 00216-REP-07701-00014-R000	Table 2-1	Table listing co-ordinates of the “Crystalline Alternate Location”	Provide the technical basis for selection of the locations identified by co-ordinates listed in Table 2-1.
Description of Alternate Locations OPG CD# 00216-REP-07701-00014-R000	Table 2-2	Table listing co-ordinates of the “Sedimentary Alternate Location”	Provide the technical basis for selection of the locations identified by co-ordinates listed in Table 2-2.
Description of Alternate Locations OPG CD# 00216-REP-07701-00014-R000	Section 3.0 Figure 3-1	Representative area referenced in discussion of “crystalline alternative location”	Describe the relationship, if any, between the description of the “representative area” in discussed in Section 3.0 and the “Description of a Hypothetical Site” in Chapter 2.0 of the NWMO report “ <i>Adaptive Phased Management Used fuel repository conceptual design and postclosure safety assessment in crystalline rock Pre-project report NWMO TR-2012-16</i> ”, December, 2012
Description of Alternate Locations OPG CD# 00216-REP-07701-00014-R000	Section 4.0 Figure 4-1	Representative area referenced in discussion of “sedimentary alternative location”	Describe the relationship, if any, between the description of the “representative area” in Section 4.0 and the “Description of a Hypothetical Site” in Chapter 2.0 of the NWMO report “ <i>Adaptive Phased Management Postclosure Safety Assessment of a Used Fuel Repository in Sedimentary Rock Pre-Project Report NWMO TR-2013-07</i> ”, December, 2013