

**From:** Panel Registry

**From:** Virtue, Robyn-Lynne [CEAA] **On Behalf Of** DGR Review / Examen DFGP [CEAA]

**Sent:** June 17, 2014 3:25 PM

**To:** Chappell, Rick (ENE); DGR Review / Examen DFGP [CEAA]

**Subject:** RE: Letter from the Deep Geologic Repository Joint Review Panel

Hello Mr. Chappell

Please accept our apologies for the delay in responding to your e-mail concerning the Ministry of Environment's participation in the upcoming public hearing. The Secretariat wanted to ensure that we provided clear instructions in our response to your Ministry's inquiry.

At a minimum the Ministry of the Environment should focus on,

EIS-12-510:

Review the Air Quality Section Only

EIS-12-512 and EIS-12a-512:

Review entire response to assess or evaluate the potential impact of the DGR expansion plans on air quality (i.e. in terms of current air quality modelling and current air quality regulations) and to evaluate the impact of planned expansion on surface water quality, with emphasis on adequacy of planned mitigation to ensure acceptable water quality in releases to Lake Huron

EIS-12-513 and EIS-12b-513:

Read Chapter 2: Narrative Description of the Four Alternative Means in order that the context for the relative risk analysis is understood

Read Chapter 3.1 Overview of the Approach

Review Chapter 3.2 Results of Pathway Identification and Characterization with emphasis on the near-to-medium term (first 100 years) because it is during this period that MOE's regulatory role is most directly applicable. The specific pathways for MOE focus are those that would create a release to air or surface water:

- Transport of Radionuclides: Advective Water Flow – particularly release to Lake Huron
- Advective Gas Flow
- Structural and Mechanical Impairments
- Waste Container Integrity
- Severe weather
- Malevolent Acts

Review the Relative Risk Method section in preparation for review of the relative risks of the 4 alternatives with respect to releases to air and water for the above pathways:

- Transport of radionuclides and other contaminants via advective water flow: page 39
- Transport of radionuclides and other contaminants via advective gas flow: page 40
- Structural and mechanical impairments: releases via fire, flooding, rock fall: page 42
- Waste container Integrity: page 43
- Severe weather: page 45
- Malevolent acts: page 47

NOTE: additional explanation of the relative risk figures on each of the above pages is found in the response to EIS 12b-513.

Review Figure 2 (< 100 Yrs) of the response to EIS 12b-513 with respect to MOE's opinion of the relative position of the 4 alternatives with respect to the above pathways.

Review the relevant summary statements in Chapter 4.

If you have any outstanding questions, please contact Ms. Kelly McGee, Panel Co-Manager at (613)-947-3710.

Thank you,

DGR Joint Review Panel Secretariat

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**From:** Chappell, Rick (ENE)  
**Sent:** June 9, 2014 2:30 PM  
**To:** DGR Review / Examen DFGP [CEAA]  
**Subject:** RE: Letter from the Deep Geologic Repository Joint Review Panel

Debra,

To ensure the ministry is providing comments specifically in the context of the Ministry of the Environment's mandate and expertise would it be possible to receive the specific section(s) of Requests EIS-12-510, EIS-12-512, EIS 12a-512 and EIS-12-513 that you are asking the ministry to provide comment on.

Rick Chappell  
District Manager  
Owen Sound District Office  
Ministry of the Environment

<contact information removed>



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**From:** Virtue,Robyn-Lynne [CEAA] [**On Behalf Of** DGR Review / Examen DFGP [CEAA]]  
**Sent:** June 09, 2014 12:22 PM  
**To:** Evans, Paul (ENE)  
**Cc:** Matthews, Nancy (ENE); Garcia-Wright, Agatha (ENE); Bardswick, Bill (ENE); Parrott, Ian (ENE); Chappell, Rick (ENE); Myles,Debra [CEAA]; McGee, Kelly; DGR Review / Examen DFGP [CEAA]  
**Subject:** Letter from the Deep Geologic Repository Joint Review Panel

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Mr. Paul Evans,

Please find a letter from the Deep Geologic Repository Joint Review Panel, attached. Copies of the Panel's announcement of additional hearing days and the amended public hearing procedures are also attached for your reference.

Regards,

*Debra Myles*

DGR Joint Review Panel Co-Manager

C/O Canadian Environmental Assessment Agency

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Ottawa, ON K1A 0H3

<contact information removed>