

Alan Ehrlich

From: kevin o'reilly <kor@theedge.ca>
Sent: June-24-12 7:25 PM
To: Alan Ehrlich
Subject: re: Giant Mine Environmental Assessment Filing #1
Attachments: 1960_backgrounder_financialsurety2012.pdf; 1963
_backgrounder_planningforclimatechange2012.pdf; IR Round 1 Responses to Deep
Geological Repository Panel.pdf

Importance: High

Alan

Please accept the attached documents for the Giant Mine Environmental Assessment public registry. They pertain to the Deep Geological Repository Panel Review that is investigating the concept of deep disposal for nuclear waste generated by power plants in eastern Canada.

The "Planning for Climate Change" document provides some details on possible glaciation and its effects on deep disposal, something that I do not believe has been considered as part of the Giant Mine Remediation Plan. This document is also found at:

http://www.nwmo.ca/uploads_managed/MediaFiles/1963_backgrounder_planningforclimatechange2012.pdf

The "Financial Surety" document provides some interesting background on long-term funding for nuclear waste disposal in Canada as provided by federal legislation. This is another example of the federal government providing a framework for perpetual care funding, something that is completely absent in the Giant Mine case to date. This document is found at:

http://www.nwmo.ca/uploads_managed/MediaFiles/1963_backgrounder_planningforclimatechange2012.pdf

Finally, during the Panel review mentioned above, the responses by the Nuclear Waste Management Organization responses to the first round of information requests provide some further insights into the scenario planning for deep disposal including climate change and shoreline changes (see responses to IR #16 and #17 as found at:

<http://www.ceaa-acee.gc.ca/050/documents/54775/54775E.pdf>

This document shows the sophistication with which that Panel review is considering the long-term planning, risk assessment and scenario development that is part of the assessment of another perpetual care situation, not unlike Giant Mine.

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