

**From:** <email address removed>  
**To:** [Deep Geologic Repository Project/ Projet de stockage de déchets radioactifs\[CEAA\ACEE\]](#)  
**Cc:** RPB-BRP; Hallman,Ron [CEAA]; Info@hc-sc.gc.ca; Ontario Health Coalition; catherine.mckenna@parl.gc.ca; <email address removed>; <email address removed> [thecurrent@cbc.ca](mailto:thecurrent@cbc.ca); <email address removed> [ontariotoday@cbc.ca](mailto:ontariotoday@cbc.ca)  
**Subject:** Re: Deep Geologic Repository Project/Project de stockage de déchet radioactifs - Message for Interested Parties/Message pour les parties Intéressées  
**Date:** May 31, 2017 10:00:07 AM

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**Attention: Deep Geologic Repository Project/ Projet de stockage de déchets radioactifs[CEAA\ACEE] <CEAA.DGR.Project-Projet.DGR.ACEE@ceaa-acee.gc.ca> and all others b:cc'd to which it should concern with regards to the planned DGR (nuclear waste 'storage site') at Kincardine Ontario, Canada,**

## RE: SEISMIC ACTIVITY

Having reviewed the very thorough reply provided in your PDF, we unfortunately do not trust these findings with specific regards to the seismic activity from the section on seismicity found in this detailed reply from page 11 of 144 and noting the map provided on page 13 of 144.

This report fails to satisfy our concerns about the ongoing seismic activity in the Madrid Fault found outside the greater St. Louis area in the U.S.A. Please find supporting details we have provided you and your research teams with regards to our earlier submission questioning the safety and integrity of this site. In our earlier submission we noted the association of volcanic activity in Italy at Mount Etna which is currently active and how it directly relates to activity that occurs in the Madrid fault. This activity would likely increase your odds scale set at 1: 1million probability with regards to past present and future seismic activity in the surrounding faults. Again we refer to the local Grenville Fault nearby. We absolutely agree with the following submission from Edwin Lyman, a senior scientist at the Union of Concerned Scientists and excerpted for you here below from the article provided from just last Friday May 26/17.

Much like polling questions done in advance of political elections to find public opinions that satisfy the political parties who request them - this study lulls the reader to sleep as it basically caters or if you like, as noted below - 'games' its analysis so as to produce the answers the people charged with providing your environmental assessment want to hear. We will continue to monitor the volcanic activity in Italy at Mount Etna and watch what happens outside St. Louis in the coming days and months and hope your diligent teams do likewise.

We thank you for keeping us informed and for giving us this opportunity to assist with the provision of proper health and safety of the citizens of North America from the nuclear industry and all of its built in errors and likely chance for future errors.

WE CONTINUE TO MAINTAIN OUR POSITION ON NUCLEAR POWER regarding this as a FAILED concept. We would like you to know that we are fully aware that the global nuclear industrial complex has been hiding and distracting the public from realizing the ramifications of the multiple ongoing melt outs at Fukushima Dai-ichi Japan. This gigantic error has been under-reported and even covered up by a nuclear friendly media. This free pass for the nuclear industry is enhanced by a full compliment of media outlets in Japan which are known to be excessively pro-nuclear. How any balanced discussion on nuclear power as a concept can actually occur in a democratic county like Japan given such imbalance is beyond our

imagination.

We know that despite our opportunities to participate in this discovery process that the final decisions on this DGR going forward or not will be made by people who claim that they are aware of the unknown knowns regarding nuclear power and its proper maintenance. Those unknown knowns about nuclear power have suddenly surfaced in the clean up process being undertaken at Fukushima. We would like you to begin entertaining those new discoveries made by clean up crews in Japan where they've suddenly come to the realization that they knew very little about those so-called known knowns of nuclear power when it comes to nuclear corium breaching its containment vessel. Much of the equipment used to do such a thing have now been determined to be completely inefficient. Most of the technology for completing such a task has yet to be invented. The challenges we face as these new unknown knowns of nuclear power begin to surface will soon dwarf the known unknowns which we will surely face as this ugly concept that nuclear power is - unfolds on us. It is only a matter of time that your futile and ridiculous attempts at keeping nuclear power and all of its related exercises going are properly exposed. We wish you could see the likelihood of this coming to pass sooner than later so that we may properly begin in earnest to turn off this mistake NOW and provide a concerted world effort at cleaning up.

In conclusion, we feel you should know by now that the peaceful transition of nuclear power from military to civilian use has been an absolute failure and prolonging its use on earth should be deemed a crime against all life on this planet. Thank you for considering our submissions and thoughts. We look forward to receiving your replies and comments.

Sincerely,

Steven Kaasgaard  
WildGreens-CANADA  
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<http://www.reuters.com/article/us-usa-nuclear-environment-idUSKBN18M2OP>

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## Storage of nuclear waste poses threat to U.S., scientists

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[www.reuters.com](http://www.reuters.com)

The reluctance of U.S. federal regulators to require operators of nuclear reactors to spend \$5 billion to enhance the security of spent fuel rods stored underground ...

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# Storage of nuclear waste poses threat to U.S., scientists warn

By [Ian Simpson](#) | WASHINGTON

The reluctance of U.S. federal regulators to require operators of nuclear reactors to spend \$5 billion to enhance the security of spent fuel rods stored underground threatens the country with a potential catastrophe, scientists warned on Friday.

The Nuclear Regulatory Commission greatly underestimated the risk and potential contamination of a nuclear waste fire triggered by a quake or a planned attack, experts writing in the journal "Science" said.

In 2014, the NRC found the chance of a disaster caused by leaving radioactive waste in storage pools was too remote to warrant the cost of moving it to safer dry casks.

An earthquake that could trigger a radiation leak was likely less than once every 10 million years, hardly justifying the cost of about \$50 million per reactor to transfer spent fuel, the NRC said in that report.

An accident at Japan's Fukushima nuclear plant in 2011 was triggered by a tsunami after an earthquake.

**"We think the NRC gamed their analysis essentially to get the answer they want,"** said Edwin Lyman, a senior scientist at the Union of Concerned Scientists and one of the authors of the article in "Science," a magazine published by the American Association for the Advancement of Science.

Michael Schoeppner and Frank von Hippel of Princeton University were co-authors.

On average, such a disaster could force 8 million people to evacuate and cause \$2 trillion in damage in the United States, the world's largest producer of nuclear energy, according to the report.

The commission said in a statement on Friday it stood by a staff finding last year that "the security of U.S. nuclear power plants remains extremely robust."

## Also In Environment

- [Nowhere to go for Rohingya refugees in Bangladesh after cyclone wrecks camps](#)
- [Exxon steps up efforts to sway shareholders on climate-report vote](#)

Rod McCullum, senior director at the Nuclear Energy Institute, an industry group, said in an email that there was ample evidence that used fuel at 90 U.S. storage sites was properly

managed.

The collapse of a decommissioned tunnel at a plutonium-handling facility in Hanford, Washington, this month was a reminder of the potential risk of storing radioactive material. There was no spent fuel in the tunnel at the time and no indication anyone was exposed to radiation.

When removed from reactors, spent fuel rods are cooled under 23 feet (7 meters) of water. To reduce costs, rods are packed into vaults instead of dry storage casks, scientists wrote. If the water was drained away due to an attack or accident, the rods would burn and spew radioactive fallout.

(Editing by Frank McGurty and Cynthia Osterman)

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<CEAA.DGR.Project-Projet.DGR.ACEE@ceaa-acee.gc.ca>

**Sent:** May 29, 2017 6:53:51 PM

**Cc:** Deep Geologic Repository Project/ Projet de stockage de déchets radioactifs[CEAA\ACEE]

**Subject:** Deep Geologic Repository Project/Project de stockage de déchet radioactifs - Message for Interested Parties/Message pour les parties Intéressées

*(Le français suit)*

## **Deep Geologic Repository (DGR) Project for Low and Intermediate Level Radioactive Waste**

### **Interested Parties**

May 29, 2017 – The Canadian Environmental Assessment Agency is making available the [additional information](#) received on May 26, 2017 from Ontario Power Generation (OPG). The Agency had [requested](#) the information following the [submission](#) from Ontario Power Generation received on December 28, 2016. The Agency is currently reviewing the most recent information from OPG to determine whether it is complete. As part of the next steps, the Agency will prepare a Draft Report on the additional information and the potential environmental assessment conditions, which will be required if the project proceeds.

A public comment period on the Draft Report and potential conditions will be announced at a later date.

For information on the DGR project, please visit the Canadian Environmental Assessment Registry (the Registry) website at [canada.ca/ceaa](http://canada.ca/ceaa), reference number [17520](#). Interested Parties are encouraged to check the Registry regularly to view documents related to the additional information. All records produced, collected or submitted in respect of the environmental assessment will be considered public and posted on the registry unless they are excluded for reason of privacy,

confidentiality or security.

You are receiving this message as a member of the distribution list for the environmental assessment of the Project. If you would prefer not to receive emails regarding the environmental assessment, please send a message to [CEAA.DGR.Project-Projet.DGR.ACEE@ceaa-acee.gc.ca](mailto:CEAA.DGR.Project-Projet.DGR.ACEE@ceaa-acee.gc.ca).

Sincerely,

Deep Geologic Repository Project  
Canadian Environmental Assessment Agency  
160 Elgin Street, 22nd Floor  
Ottawa, ON K1A 0H3  
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## **Projet de stockage de déchets radioactifs à faible et moyenne activité dans des couches géologiques profondes**

### **Parties Intéressées**

29 mai 2017 – L'Agence canadienne d'évaluation environnementale met à la disposition du public les [renseignements supplémentaires](#) reçus le 26 mai 2017 de Ontario Power Generation (OPG). L'Agence avait fait la [demande](#) de ces renseignements suivant la [soumission](#) d'OPG du 28 décembre 2016. L'Agence évalue présentement ces derniers renseignements afin de déterminer s'ils sont complets. L'Agence pourra ensuite entamer la préparation de la version provisoire du rapport portant sur les renseignements supplémentaires, et des conditions potentielles liées à l'évaluation environnementale nécessaires si le projet va de l'avant.

Une période de consultation publique sur la version provisoire du rapport et les conditions potentielles sera annoncée ultérieurement.

Vous pouvez trouver plus d'informations sur le site Web du Registre canadien d'évaluation environnementale (le registre) au [canada.ca/acee](http://canada.ca/acee), numéro de référence [17520](#). Les parties intéressées sont invitées à consulter le registre régulièrement pour les plus récents documents portant sur les renseignements supplémentaires. Tous les documents réalisés, recueillis, et soumis ayant trait à l'évaluation environnementale seront considérés publics et seront affichés sur le registre, sauf s'ils sont exclus pour des raisons de sécurité, de confidentialité, et de protection des renseignements personnels.

Vous recevez ce message en tant que membre de la liste de distribution pour l'évaluation environnementale du Projet. Si vous préférez ne pas recevoir de messages concernant cette évaluation environnementale, prière d'envoyer un message à [CEAA.DGR.Project-Projet.DGR.ACEE@ceaa-acee.gc.ca](mailto:CEAA.DGR.Project-Projet.DGR.ACEE@ceaa-acee.gc.ca).

Sincèrement,

Projet de stockage de déchets radioactifs  
Agence canadienne d'évaluation environnementale  
160, rue Elgin, 22nd étage  
Ottawa (Ontario) K1A 0H3  
[CEAA.DGR.Project-Projet.DGR.ACEE@acee-ceaa.gc.ca](mailto:CEAA.DGR.Project-Projet.DGR.ACEE@acee-ceaa.gc.ca)