



NWCAC News

Winter 2014

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NWMO Recognizing Community Leadership

The NWMO has developed a program to acknowledge the substantial contribution made on behalf of all Canadians by the Communities involved in Adaptive Phased Management. As eight communities out of 21 involved in the APM conclude their respective Phase 1 studies, the NWMO will contribute \$400,000 to each community whether or not it has been identified for the next phase of studies upon establishment of a Community Well-Being Reserve Fund.

Administered by the communities, these funds support continuing efforts to build community sustainability and well-being. Examples of activities that could be supported include:

- » Projects, programs or services for community youth.
- » Scholarship programs for community youth.
- » Projects, programs or services for community seniors
- » Projects or programs to support community sustainability.

» Projects or programs to support economic development.

» Projects or programs to support energy efficiency.

In 2013 the Nuclear Waste Management Organization acknowledged the contributions made by the first eight communities as they concluded their first phase of assessment. Other communities will be similarly recognized upon completion of their Phase 1 studies.

<http://www.nwmo.ca/news>

Community Question

How will the project be regulated?

The project will be subject to a thorough and comprehensive regulatory review process. The Canadian Nuclear Safety Commission is mandated under the Nuclear Safety and Control Act to regulate Nuclear Facilities and nuclear related activities in Canada including issuing licenses to prepare a site for construct, operate and decommission a facility. The Government of Canada, through Natural Resources Canada, monitors the NWMO on an ongoing basis to ensure compliance with the Nuclear Fuel Waste Act. For more information go to www.nuclearsafety.gc.ca

Upcoming

Nuclear Waste

Community Advisory Meeting

April 1, 2014 - 7:00 p.m. Ripley
Huron Community Centre,
Auditorium

At the April 1st NWCAC meeting the Canadian Nuclear Safety Commission will have a delegation speaking about the early regulatory role in the pre-licensing phase of the Adaptive Phase Management project.

NWMO Concludes Preliminary Assessments in Arran-Elderslie and Saugeen Shores.

NWMO
APM Learn More Centre
 80 Huron Street
 Ripley ON
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www.nwmo.ca

The Nuclear Waste Management Organization is concluding its preliminary assessment work in the communities of Arran-Elderslie and Saugeen Shores. The NWMO has advised Mayors Paul Eagleson of Arran-Elderslie and Mike Smith of Saugeen Shores of its decision to cease preliminary assessment work in their communities. Early findings indicate that both have limited potential to meet the geoscientific criteria required to host a deep geological repository for used nuclear fuel.

Geoscientific studies led by Geofirma Engineering have identified that these two communities do not satisfy the site evaluation factors.

» The municipality of Arran-Elderslie does not contain sufficient land areas that the potential to meet the geoscientific site evaluation factors outlined in the site selection process document.

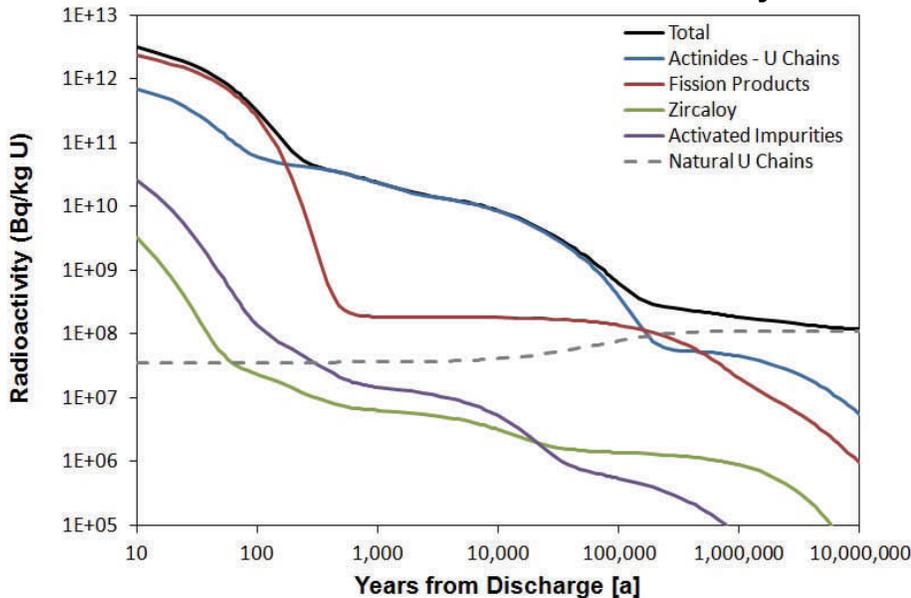
» The Town of Saugeen Shores has very limited potential to contain areas that would meet the geoscientific site evaluation factors that outlined in the site selection process.

Preliminary assessments are ongoing in Brockton, South Bruce and Huron-Kinloss and in 11 other communities located in Ontario and Saskatchewan.

For more information;

http://www.nwmo.ca/sitingprocess_feasibilitystudies/interimfindings

Radioactivity of Used Fuel



Radioactivity of used fuel (220MWH/ kgU burnup) as a function of time after discharge from reactor. The fission products dominate at short times, but have decayed to low levels after 1000 years. After about 1 million years, the remaining activity is largely that due to the natural uranium content of the fuel.

Garisto F, Gobien M., Kremer E., Medri C.,
 Fourth Case Study: Reference Data and Codes;
 NWMO TR-2012-08, November 2012

For more information: www.huronkinloss.com