



NWCAC News

Summer 2013

This Issue:

- Adaptive Phased Management
- Visit our Website
- NWCAC
- NWMO Learn More Centre
- What is Canada's Plan ?
- What is used nuclear fuel?
- Contact us

Nuclear Waste Community Advisory Committee

- Learning more about Canada's plan for the long term management of used nuclear fuel.

Early in 2012 the Township of Huron-Kinloss started learning more about Canada's plan for the long-term management of used nuclear fuel, which is the responsibility of the Nuclear Waste Management organization (NWMO). The plan, named Adaptive Phased Management required that the used fuel be safely and securely contained and isolated from people and the environment in a deep geologic repository in a suitable rock formation.

In April, 2012 the Township of Huron-Kinloss formally entered the Site Selection proc-

ess to find an informed and willing host community to host the project. In proceeding to learn about Canada's plan for managing used nuclear fuel over the long term The Township of Huron-Kinloss is moving forward to the next step, Preliminary Assessment of Potential Feasibility – Feasibility Studies (Step 3), in the NWMO process.

The Nuclear Waste Community Advisory Committee will work with the NWMO and the community of Huron-Kinloss in the next stage in the process of gathering information regarding the siting of a high-level nuclear waste Deep

Geologic Repository (DGR) in Huron-Kinloss.

Visit our Website

www.huronkinloss.com

Our website includes links to:

- meetings
- agendas
- minutes
- important information

NWCAC

The Nuclear Waste Community Advisory Committee was established by the Township of Huron-Kinloss on May 22, 2013. The committee members were selected by an open process. The objective of this committee is to help our community learn about Canada's plan for used nuclear fuel and involve Huron-Kinloss residents in these learning activities.

The NWCAC will meet on a monthly basis and agenda's and minutes are posted. All meetings are open to those who are interested.

NWMO

APM Learn More Centre

80 Huron Street

Ripley ON

N0G2R0

519.395.4984

www.nwmo.ca

Do you have a question?

The APM Learn More Centre has an NWMO representative onsite to address any questions. The NWCAC is here to engage the community and work together in learning about the project.



What is Canada's Plan?

On June 14th, 2007, the Government of Canada selected Adaptive Phased Management as Canada's plan for protecting both people and the environment over the long time in which used nuclear fuel must be managed.

Adaptive Phased Management was developed to enable our generation to proceed in a deliberate and collaborative way to establish the foundation for the safe and secure stewardship of Canada's used nuclear fuel for the long term.

The plan requires that used nuclear fuel be contained and isolated in a deep geological repository and isolated in a suitable rock formation.

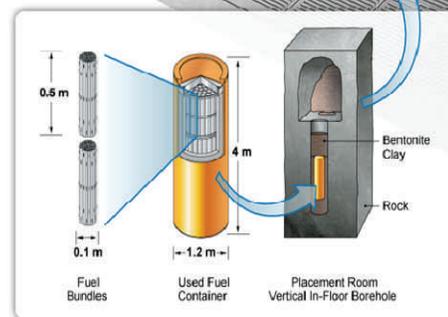
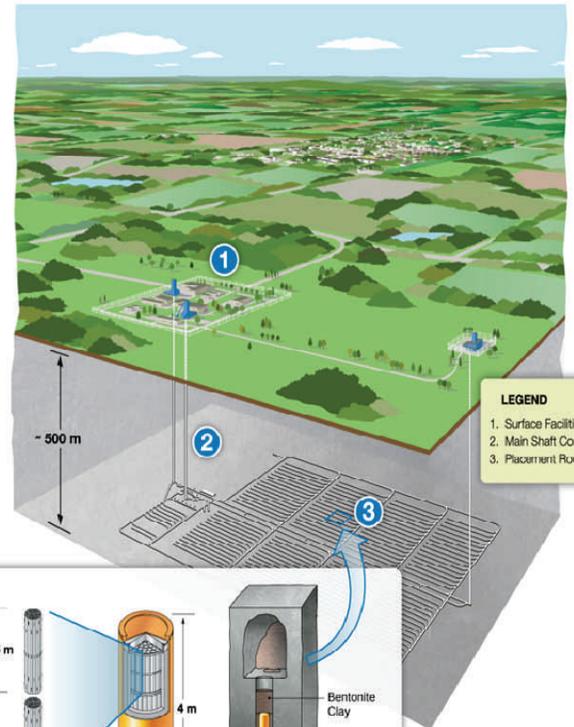
logical repository and isolated in a suitable rock formation.

Adaptive Phased Management was developed in dialogue with Canadians to reflect features considered important by citizens. It is consistent with programs that been developed in many other countries with nuclear power programs, such as Sweden, the United Kingdom, Finland and France. As a plan for the future, Adaptive Phased Management charts a course for the safe, secure long-term management of used fuel, in line with best international practice and the expectations of Canadians.

What is Used Nuclear Fuel?

Used nuclear fuel is a by-product of the generation of electricity by nuclear power plants. Canadian nuclear power plants are fuelled by natural uranium, formed into ceramic pellets which are encased in Zircaloy tubes welded together in the shape of a fireplace log weighing approximately 24 kilograms. When the used fuel is removed from the reactor, it is highly radioactive. The radioactivity decreases substantially with time due primarily to the decay of short-lived radionuclides. The radioactivity of used fuel decreases to about one percent of its initial value after one year, decreases to about 0.1 percent after 10 years and decreases to about 0.01 after 100 years (AECL 1994). Source: Choosing a

Way Forward, The Future Management of Canada's Used Nuclear Fuel (Final Study)



For more information:

www.huronkinloss.com

info@huronkinloss.com

519-395-3735