

DBHD 1.4.1 Canada

## DBHD 1.4.1 Canada – nuclear repository in deep rocksalt New Brunswick, Nova Scotia

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and the 14.700 radwaste experts of the world who know the DBHD concept

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Sediments from  
250 Mio. years

### Abstract

DBHD is a building plan for a nuclear repository – Deep Big Hole Disposal is now possible by Shaft Boring Machines and Shaft Boring Roadheader tools from Germany – Diameter = 12 M.

DBHD 1.4.1 Canada is a building plan that allows to bring 83.200 tons of spent Candu fuel into deep geological repository - for a price of 12,5 Billion Canadian Dollars over a time of 80 years.

The white DSC containers, in concrete-pellets, in rocksalt, are a safe storage for 1-10 Mio. years. In rocksalt - hard gamma radiation only goes 30 cm far and gases like IOD 129 are encapsulated.

The DBHD building plan has been examined by all 14.700 experts worldwide - without critics. There is a calculation based on German price situation and company offers. - Also a time table.

DBHD concept is mature after years of development. What it needs now is more local geology data on deep rocksalt geologies in the areas New Brunswick and Nova Scotia in north Canada.

It needs a long term calculation/simulation by a scientific team using DBHD geometry/geology that calculates : 1. Geo-Mechanics – 2. Geo-Chemistry – 3. Corrosion and 4. Thermodynamics

We propose a safe “street–ship–street transport” of the DSC’s with bumpers on - shielded by a sheet metal hull made of tank-weapon steel – the transport out of town has to be extremely safe.

For the reason of good progress we recommend you to bring the main developer Ing. V. Goebel to Canada – he has 13 years of experience in all themes related to nuclear repository planning ...

We wish you a good conference and encourage you to ask questions concerning DBHD 1.4.1 CA

**Keywords:** Nuclear Repository for spend Candu fuel, Geological repository in rocksalt geology  
Dry Storage Containers, Concrete-Pellets, Rocksalt – **83.200 tons capacity for 12,5 Bio. CAD**  
“Street-Ship-Street Transport” – Safety – Nuclear Safety – Radiation Safety - **Safe Repository**