

Stockholm, 17/18th October 2009

An opinion poll reveals that 3 habitants of Europe on 4 don't trust nuclear industry speeches.

**Nuclear wastes is one on the main problem of nuclear industry**, it make this industry compared with a plane flying that does not know how to land.

Up to 1993, countries were dropping nuclear wastes into the sea.

100 000T has been dropped into the sea (80% from UK) until the interdiction in 1993. France has been the last one to sign this interdiction.

Nuclear poisoning started in USA with Manathan project. They were using the river water to cool down the heart of the reactor and rejected radioactive water directly in the river. 60 years later, 13 fishes on 15 tested are radioactive.

In URSS Medzedev, revealed to the word in 1976, the accident happened in 1957 in Tchelabink, that've been kept secret.

It's an accident with nuclear wastes that exploded because of a defect in the cooling system. This accident proves that nuclear wastes pollute and are explosive.

**15 000 Km<sup>2</sup>** has been contaminated and **270 000 habitants** exposed without knowing it. They have been and are still are considered as guinea pigs for nuclear industry. Still today, with 5Tons of led covering a truck, it's dangerous to stay more than 3 minutes closed to the lake.

Many tests are made on population and food, but they are never communicated to the people. It's just for the industry to better its knowledge of the consequences of using the earth as a laboratory. Authorities say " there is no danger, just don't use the river for agriculture "

As far as we know, there are only negative experiments from nuclear wastes management. They want us now to believe them in their confidence to bury nuclear wastes in earth. We should believe like in a religion, the new priests of nuclear wastes management.

### **Situation in France.**

France is a country that, like Japan and UK, does what they call "reprocessing". That means they separate the radioactive elements, in low, middle, and highly radioactive wastes. These plans are made by a national agency for nuclear wastes called ANDRA .

**The French director *Marie-Claude Dupuy*, is at the head of an international committee on nuclear wastes management.**

Politicians, right or left, are completely incompetent on the matter they lean on what engineers told them. They dismissed their responsibility putting their trust in one group of people, that all come from the same school."Ecole des Mines"

They just know nuclear means power (military and political), they go ahead, without the normal democratic process.

The reprocessing process is in **La Hague**, in the west of France.

4000m<sup>3</sup> of liquid wastes are ejected into the sea every day and 10 000Bq/l in the air also.

The authorized level of rejects in the environment creates a state of permanent accident. In one year, it's more than 500 nuclear war tests! All the calculation to speak of maximum radioactivity allowed to be released, without consequences on health are based on Hiroshima models, than means that all safety limits on radioactivity are unsuitable. The separation of radioactive elements creates a bigger quantity of wastes:

4% of the volume contains 99% of the radioactivity and several hundred of thousands years danger. They want to bury these wastes in deep ground storage in the East of France, in **Bure**, in 2025.

For the highly radioactive wastes, they determinate a 250 km<sup>2</sup> zone, where they want to dig galleries 500 m underground, and the put little parcels of radioactive wastes, spaced enough to not produce explosion.

The others 96% are storage in centers (or sell to Russia).

There is a storage place in **Soulaines** (100 KM from Reims, Champagne) This place was supposed to have No rejects and only to take low radioactive wastes with short life time in such a way that could go back to the initial nature in 300 years later.

Because they are compacting the barrels, there is radioactive gas rejected in the environment, and we now there is 12 Kg of Plutonium (240 000 years!) storages in Soulaines.

L'ANDRA is selling this technology of Soulaines to Lithuania actually.

They admit having now a million of m<sup>3</sup> of nuclear wastes, and expect 3 million of m<sup>3</sup> in a few years.

*L'ANDRA, will invite other countries to an international meeting in December 2010 in Reims (France, Champagne, 200 kms from Bure).*

The big word they used now is "reversibility". It's a concept for politicians and population to admit deep burying. It's more sociological than technical. It's based on the idea, that, if, later on we'll have the solution to make these wastes non prolific, we could take them back.

This theory is just to amuse or abuse people, because the melting of highly radioactive wastes in ceramic, make impossible all possibility of transmutation later on.

Anyway, they keep pushing the date where this transmutation could be effective. They're speaking of 2050.

That why they have now to play with words and are going to change the word "*reversibility*" by "*retriavability*".

*Véronique Marchandier*

Réseau Sortir du nucléaire,

A network of 843 associations, who want to phase out nuclear power

Web site : [www.sortirdunucleaire.fr](http://www.sortirdunucleaire.fr)

### **Participate to the international campaign "D'ONT NUKE THE CLIMATE"**

putting your signature on line, for Copenhagen meeting. We'll print them and bring them to Copenhagen.

Thanks to everyone for your commitment to try to avoid the worse for future and actual generations.