

Comment on proposed Peace River Nuclear Power Project.

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Our organization has been studying radionuclides of nuclear waste since the 1980s.

Conclusion: It is immoral to produce nuclear waste in nuclear plants.

Half of the radioactivity in the nuclear waste remains when the sun goes out.

Nuclear power plants have released large amounts of radionuclides, that give many people cancer and other mutational diseases.

It is immoral to release further radionuclides into the cycle.

For the sake of our survival, we must try to reduce the radionuclides in our food to the 1945 level.

Nuclear power plants are unnecessary, expensive and dangerous.

In Sweden, there are unique death statistics since the 19th century.

Appendix 1, shows deaths from cancer from 1912 to the present. Assumptions based on Swedish statistics.

Total for all cancers examined.

Below you can see the cancer cases caused by natural background radiation.

Above: Different toxins cause inflammation. Amounts of immature and fresh cells are formed, which are sensitive to radioactive ionizing radiation and mutation can occur.

These cancer cases are still caused by the natural radionuclides in background radiation.

Further above: In 1945, humans began releasing unnatural radionuclides into the atmosphere through all the atomic bomb explosions in the air.

Top: Nuclear power plants begin to release unnatural radionuclides daily into the wastewater. Major catastrophes and minor accidents also occur. (Cancerdead painted red.)

References: Statistiska Centralbyrån, "Dödsorsaker i Sverige ", 1912-1996

Socialstyrelsen, Cancer i siffror, 1997

EpCstat : "Cancer incidence and mortality in Sweden". E-mail: [epcstat@sos.se](mailto:epcstat@sos.se)

Appendix 2, Article: Cancer trends during the 20th century.

Appendix 3, Exemple of the annual writing Statistiska Centralbyrån, "Dödsorsaker i Sverige", 1916.

Appendix 4, Image of tissues in the body that radionuclides are taken up by.

How do mutation diseases occur?

Our food has been contaminated with unnatural radionuclides.

They are absorbed by the body as nutrients and transported into our tissues.

Radioactive ionizing radiation causes mutations in rapidly growing cells, which divide frequently, such as immature and fresh cells.

Fetuses and children have strong growth. Malformed fetuses are mostly aborted.

In Sweden there are 600 000 people with rare diseases.

More than one in three Swedes gets cancer.

The blood is renewed frequently and bloodcancer is the most common.

The sun can cause radiation-damaged skin with inflammation where radionuclides can cause skin cancer.

Viruses cause inflammation on, for example, the cervix. If radionuclides are present nearby, mutations can cause cervical cancer.

The sharp needles of asbestos damage cells. Inflammation occurs, and the new fresh cells can mutate.

What can mutate?

DNA, RNA, mikroRNA, mRNA, tRNA, rRNA can mutate.

Virus can mutere: covid-19, HIV, Ebola, monkeypox, bird flu, swine flu.

Bacteria can mutate: resistant bacteria. Proteins can mutate: Alzheimers, ALS, mad cow disease.

Microbes can mutate: The elm fugus mutated and is wiping out all elms. The ash fungus muteted and is wiping out all ash trees.

A toadstool mutated and is wiping out frogs.

New genetic research helps us understand that there are many more mutational diseases, than just cancer.

Thanks to the unique Swedish death statistics, it is now possible to calculate how enormously harmful the unnatural radionuclides are.

IAEA and ICRP calculations show completely incorrect values.

You have to take into account the human body's internal unnatural radionuclides.

It is alpha- and beta radiation, that is most harmful. Are IAEA and ICRP looking at gamma radiation coming from outside?

Now there are one-year-old wild boars in Sweden with 40 000 Bq per kg of meat, an incredible amount, and completely inedible.

Our food should be Bq-labeled, so that expectant mothers could avoid high values.

Now we are waiting for the next deadly pandemic, that will come and more often.

The UN has asked all scientists to cooperate so that they can find a vaccine in time.

For human survival , we must close nuclear power plants, so we reduce the radionuclides in our cycle and in our food.

In Chernobyl and Fukushima, the core meltdowns are still ongoing.

If the large stock of nuclear fuel waiting for a final repository, comes out into the cycle, most of it will be extinct.

The Swedish model lasts for about 200 years.

It is immoral to manufacture a poison like radionuklides.

"If we had known in the 70s how dangerous radionuklides are, as we and you know, Sweden would never have built any nuclear power plants" said the Direktor General, Claes Thegerström, When he worked for 30 years on a final repository for nuclear fuel.

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