

Research materials

A nuclear reprocessing plant is reduced to uranium fuel from nuclear power plant.

This factory's merits are we

don't need to buy new fuel

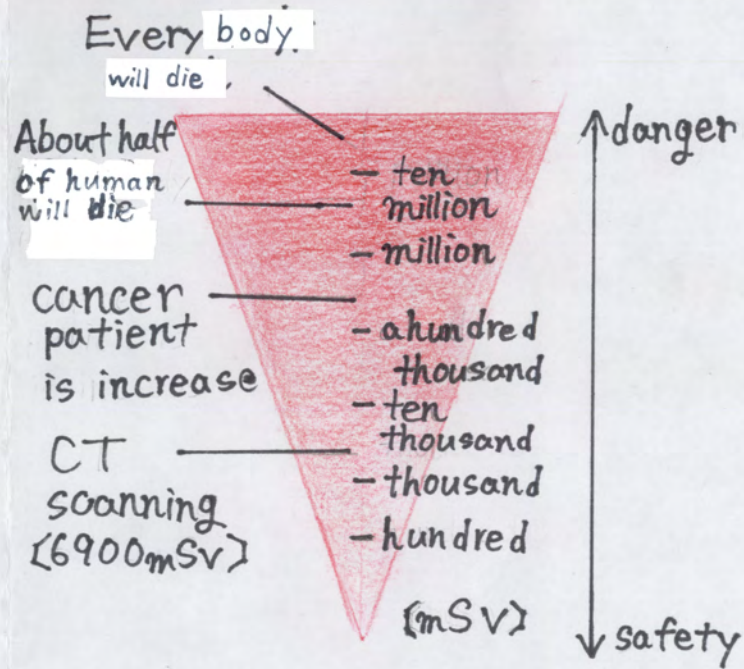
so cost is low and we can

impress people all over the

world with Japanese technology.



Radiation damage to the human



Daily life the year → 2400

There is no heredity influence → 500

Un born baby exposure to radiation → 100

About
processing plant
in Rokkasho

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Purpose & Hypothesis & Method

Our group researched about the effect of the nuclear reprocessing plant in Rokkasho on the environment.

Our hypotheses are

- ① It has an effect on the economy.
- ② It may have a problem of safety because it handles radioactive substances.

So, we considered it from experiment and the past's data.

Then, we found the problem of the nuclear reprocessing plant and found the solution.

Result & Consideration & Conclusion

We found there is a nuclear reprocessing plant in the U.K.

in Sellafield. This factory is very old, so it isn't used now.

It finished operating without a big accident. But we pay attention.

that this factory suffered a reputational damage and there were many opposing opinions to operations. We thought that

Rokkasho factory has a reputational damage and many

opposing opinions. On investigation we found that actually it does.

So, in order to solve these problems, we researched

the reason why these kinds of problems have not occurred in England.

- ① They reported that they followed all the safety rules in that area.
- ② They explained enough to inhabitants.