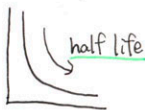
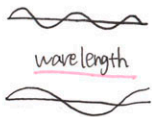
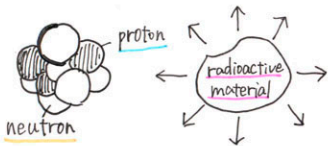


< Accident prevention measures >

- ◇ a measure of strengthening design criteria

As anti-earthquake measures, the standard seismic motion review and earthquake resistance enhancement. As a tsunami counter measure to evaluate the location and height function of equipment important for safety.



< Japan in the future >

Nuclear power generation has many benefits, but it also has disadvantages. We may experience a big accident like the Fukushima power plant one. So, we think we should carefully deal with and take the time to think about nuclear power generation.



< Reference Literature >

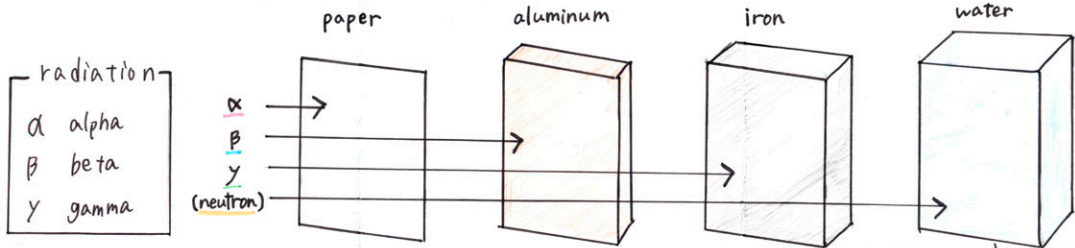
- Federation of Electric Power companies of Japan
URL: <http://www.fepc.or.jp>
- Japan Atomic Power company
URL: <http://www.japc.co.jp>
- Battery net
URL: <http://Battery.net.net>
- Kansai Electric Power Co
URL: <http://www.kepcb.jp>

Nuclear Energy

HIROSAKI MINAMI
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11HR group 2
members

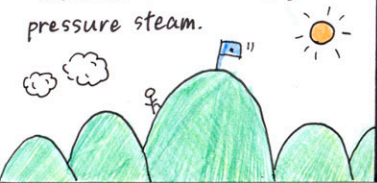


< Power generation method >

Nuclear energy supports our life.
It's similar to thermal power.
In both ways, we work turbines with steam and generate electricity.

The heat generated by the fission of uranium and plutonium travels to water surrounding the fueler.

The water turns into high pressure steam.



< Purpose of nuclear energy >

Uranium fuel can manage to supply electricity to all homes in Japan for a year. It uses heat to generate electricity, so it doesn't discharge CO_2 . It is good in the effort to prevent global warming.

< An advantage and some Disadvantages >

One advantage is that a lot of power is generated efficiently, so people in Japan can depend on it.

The disadvantages are that it is dangerous and bad for the environment.

< An explanation >

There are different kinds of radiation. They are α , β and γ waves. Those waves emit from uranium and thorium. Alpha waves have stronger penetration power. Beta waves have stronger penetration power than alpha waves. Gamma has the strongest penetrating power.

< Nuclear preservation method >

Radioactive waste is hardened with cement and is put in an oil drum.

After that, it is disposed of in the center of a facility for burying low level radioactive waste.