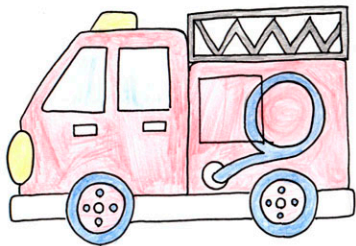


## < safety measures of atomic fuel cycle facilities >

They deploy a special fire engine to extinguish fires caused by the aftermath of an earthquake.



## < Consideration >

There are a lot of facilities in the Nuclear Energy Park of Aomori.

They make an area and the safety measures of facilities all possible measures by training workers with the inside of a machine many times.



# Nuclear Energy from Aomori

Hirosaki Minami High School

FIRST GRADE

12HR Group 2

~ Members ~

### < Purpose >

Do you know about nuclear energy from Aomori?

We want to know about nuclear energy's mechanisms.

### < What is a reuse uranium >

We can reuse uranium only once from nuclear energy in Rokkasho.

We can supply reused uranium for a long time.  
spent nuclear fuel contains unfissionable uranium.

### ⑧ Nuclear Energy Facilities in Rokkasho Energy Park!

#### < enriched uranium factories >

We use uranium 235 as nuclear energy fuel.

It is taken from the uranium mine in the form of ore.

Only 0.27% of uranium 235 is contained in uranium ore.

For this reason, Rokkasho in Aomori prefecture uses a technique called centrifugation.

### < High level radioactive substance >

Waste is emitted when reusing nuclear fuel used in nuclear power plants.

In Japan, the waste liquid is treated as a vitrified solid and disposed of.

### ⑧ Mechanism of glass solidified body

