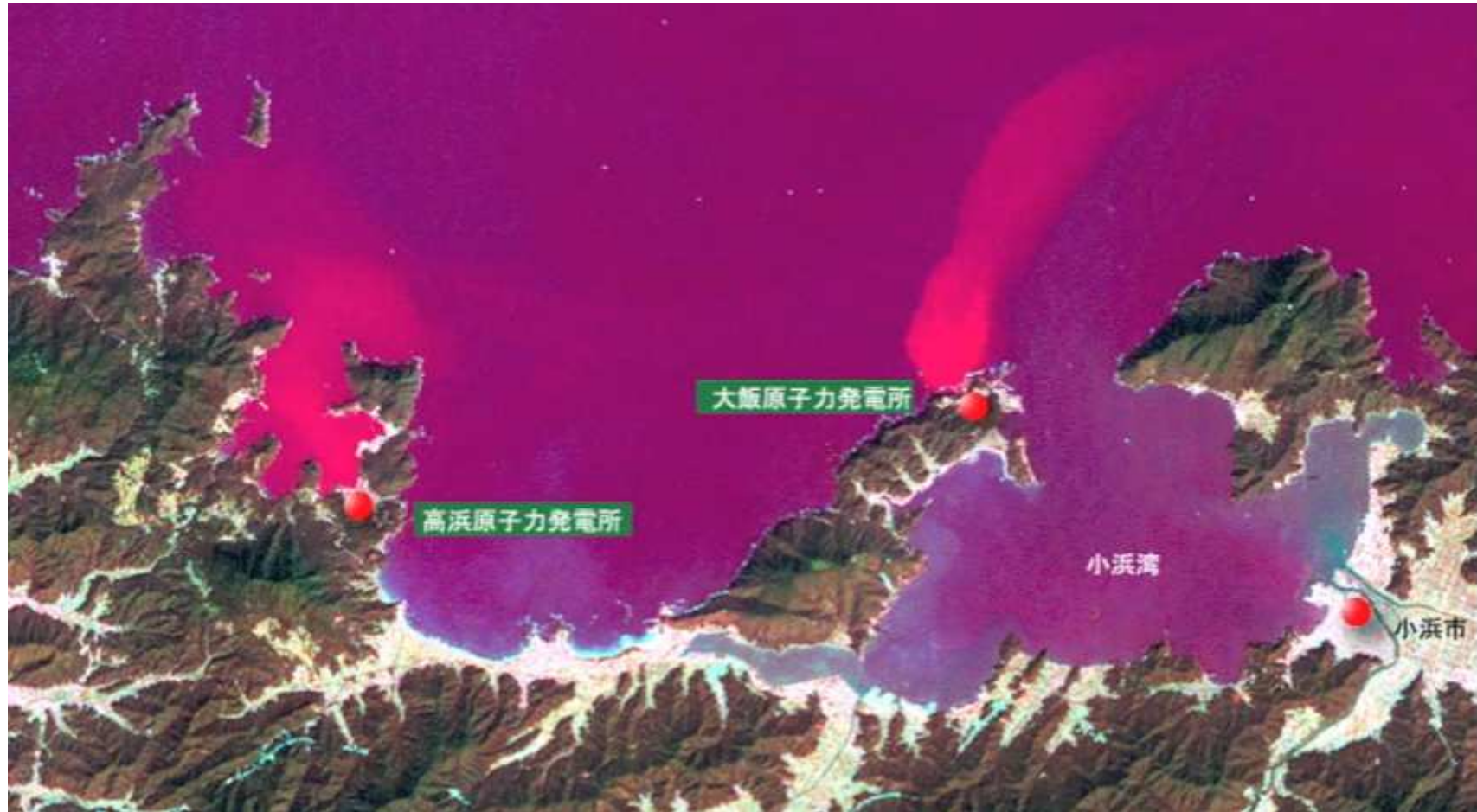


Facts on Nuclear Power Plants

M.Mihara, Ph.D.

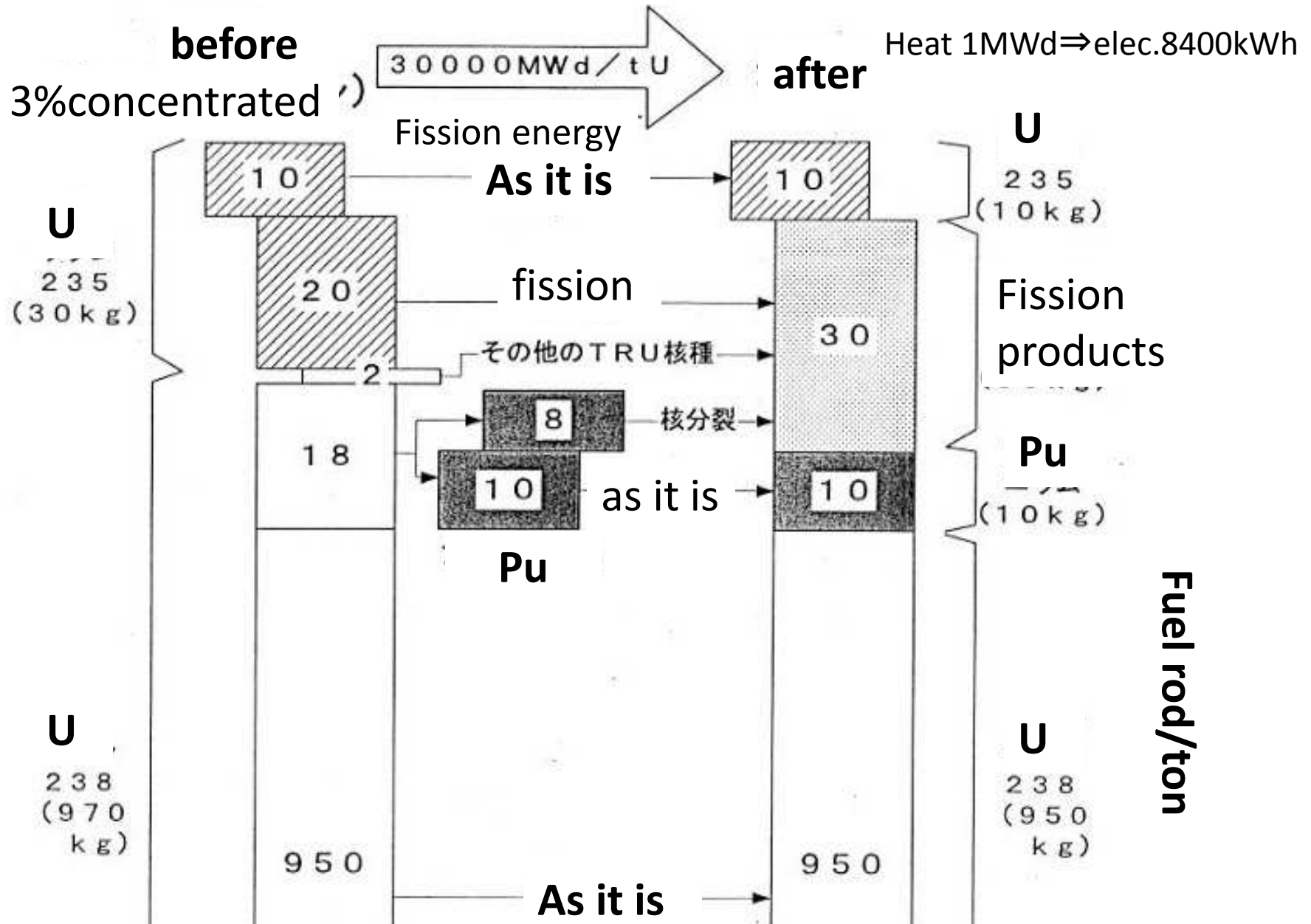
Warm Water leaking from nuclear power plants into the Sea



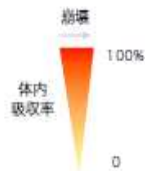
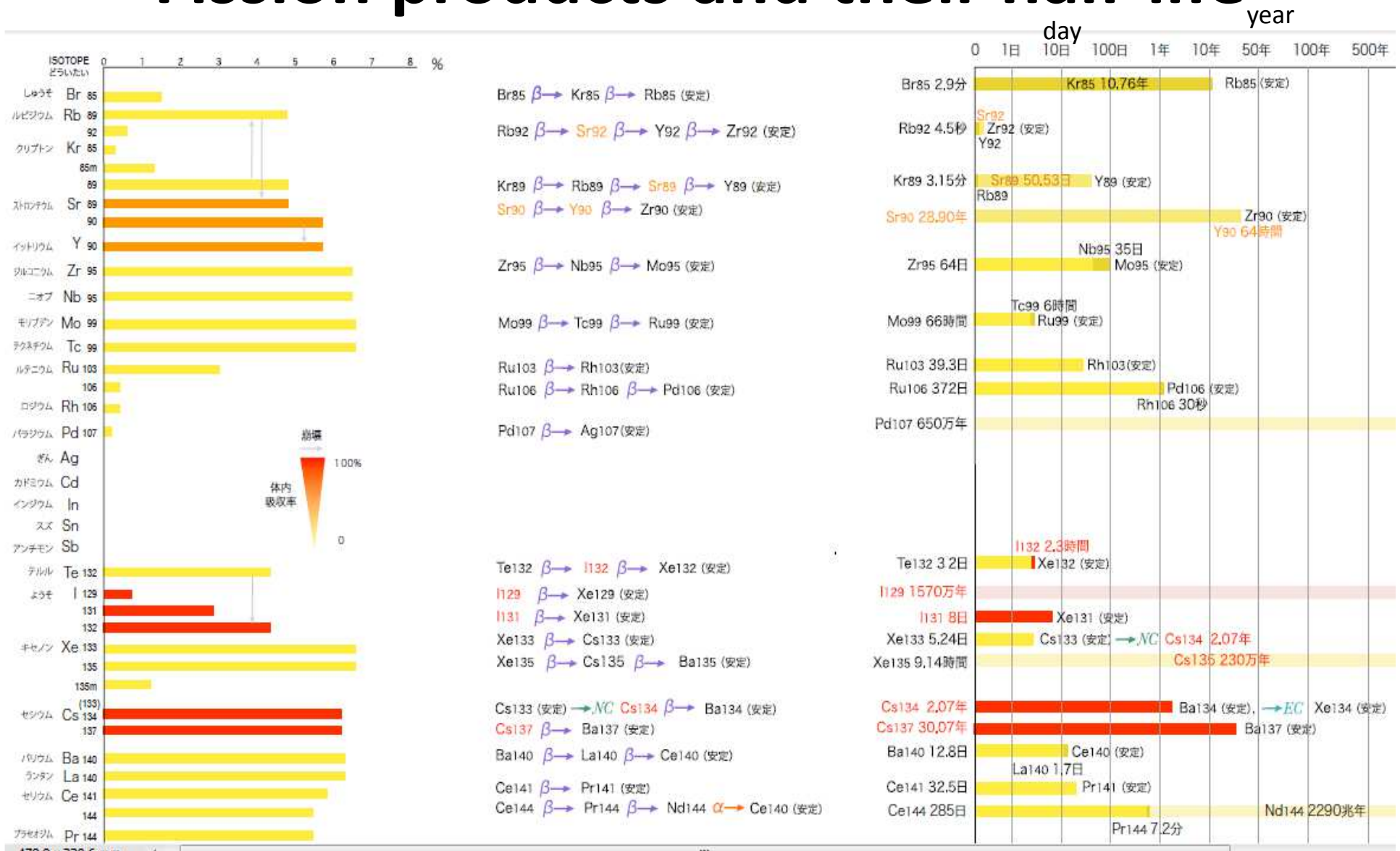
Nuclear P.P. as a Big Sea Warmer

- Two-thirds of the energy generated in NPPs are discarded into the sea or into the air.
- Prior to the Fukushima disaster, a total of 55 NPPs had been operated in Japan, causing a temperature rise of 7 °C to 100 billion tones of sea water every year.
- Climate change is caused not only by the increase of carbon dioxide, but also by the NPPs.

Changes in the constituents of Nuclear fuel before and after use



Fission products and their half-life



Conclusion

- Nuclear power plants are as harmful as nuclear weapons.
- Nuclear power plants do not prevent climate change; in fact, they worsen it.
- Nuclear wastes are of immediate threat.
- We should do as follows:
 1. Don't mine Uranium ore.
 2. Don't build or re-run nuclear power plants.
 3. Don't transfer nuclear wastes to other countries.