

Radioactive Waste Management

●Improvement of Safety Management of TENORM through Expert Mission

TENORM : Technologically Enhanced Naturally Occurring Radioactive Materials

Problem of TENORM

Systematic Regulation for TENORM is not existing now

Ex. : Monazite, Titanium ore, Zirconium ore, etc



Fact Finding of Current Situation to Facilitate Practical Regulation

TENORM Discussion / Survey Meeting including Site Visit



Mining of Monazite sand

(Viet Nam)
Pumping out the black beach sand from seawater



Sorting of Monazite sand for products

(Viet Nam)
The cyclone separation of black beach sand to Monazite, Ilmenite and Zircon sand



Radiation dose measurement

(Thailand)
The radiation level at times exceeds the dose criteria



Findings and Recommendations

- Probably less than 10% of TENORM should be regulatory controlled
- Recommend a graded approach for TENORM regulation
- Investigate and apply own practical criteria to specific situation