

## **1. Preface**

Radioactive waste is inevitably produced wherever nuclear materials or reactors are used. Therefore, it is essential to take “radioactive waste management (RWM)” into consideration at the planning phase of the use of nuclear materials or reactors. Surprisingly, it is not widely known that radioactive waste is produced in various ways; dismantling of nuclear power facilities and radioisotopes/radiation facilities, radiation/reactor accidents, use of “Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM)”, natural radioactivity in surplus soil of mining and radioactive materials for medical use etc.

The purpose of this task group activity is the exchange of information and experiences for most effective method in improving the optimal decommissioning strategy and promoting the application of appropriate clearance levels between “Forum for Nuclear Cooperation in Asia (FNCA)” countries. In this report, decommissioning of nuclear facilities and clearance level are discussed based on the task group work in RWM project under FNCA framework.

The contents are; Chapter 2: Introduction of the Project, Chapter 3: International Concepts of Clearance, Chapter 4: Present Status on Decommissioning/Clearance in Japan, Chapter 5: Report of Australia, Chapter 6: Report of Malaysia, Chapter 7: Report of Viet Nam, Chapter 8: Report of China, Chapter 9: Report of Thailand, Chapter 10: Problems to be Solved, and Chapter 11: Postscript.

This kind of information exchange and discussion based on peer review through on-site fact finding observation between the neighboring countries will be widely used to promote a good practice of radioactive waste management.