

SERVICES FOR INTERNATIONAL MARKETS

I. Radioactive waste management

A/ Radioactive waste characterization

Destructive analyses of radioactive waste samples

- Gamma spectrometry
- Alpha spectrometry
- Liquid scintillation spectrometry

Non destructive analysis of radioactive waste

- Determination of gamma radionuclides (gamma scanner)
- Determination of alpha radionuclides (alpha scanner)

B/ Radioactive waste and institutional radioactive waste processing

- Sorting of radioactive waste
- High force compaction
- Incineration of solid and liquid waste
- Fragmentation and decontamination of metallic waste
- Processing of used HVAC filters
- Processing of electrical cables

C/ Treatment of processed waste

- Cementation

D/ Transport

- Emergency Response Group for transports of ionizing radiation sources in the Slovak Republic

E/ Fiber concrete container production

II. Consulting services

- Decommissioning of nuclear facilities
- Radioactive waste management
- Spent fuel management
- Institutional radioactive waste management
- Radioactive waste disposal
- Institutional radioactive waste disposal

INTERNATIONAL REFERENCES

Italy

- Processing of institutional radioactive waste, Nucleco S.p.A.
- Processing of spent resins and sludges from Caorso Nuclear Power Plant, Sogin S.p.A.

Czech Republic

- High force compaction of radioactive waste from the operation of the Nuclear Power Plant Dukovany and Temelín, ČEZ, a. s.
- Incineration of radioactive waste from the operation of Nuclear Power Plant Dukovany and Temelín, ČEZ, a. s.

Iraq

Feasibility study, basic design and engineering design for the radioactive waste disposal facility, European Commission

Spalovňa
Incineration facility



Spracovanie vzduchotechnických filtrov
HVAC filters processing



Vysokotlakový lis
High force compactor



Vláknobetónový kontajner
Fibre-concrete container

