

Ensa provides **technology**, innovative and **safe solutions** for plant dismantling and treatment of all types of radioactive waste. Our department of decommissioning and waste management conducts comprehensive projects covering the entire cycle of Nuclear Power Plant closures and the treatment, packaging, transport and storage of its waste.

We provide **engineering expertise** and **experience** to solve any need our customers may have.



José Cabrera NPP dismantling: Design and manufacturing of special shielded transport bells.



Vandellós I NPP dismantling: Decontamination of concrete walls.



Kozloduy NPP Design and manufacturing of equipment to take ion exchange resin samples



Ciemat JEN-1 Research Reactor dismantling



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**Decommissioning
and waste management**



Dismantling & decommissioning

Ensa has experienced engineers and operators to perform all kind of dismantling & decommissioning projects such as:

Decommissioning management

- Project management
- Decommissioning engineering
- Site management

Special tools development

- Hot points removal
- Remote cutting
- Local decontamination

Special confinement design

Concrete walls decontamination

Waste retrieval

Ensa treasures wide experience providing tailored solutions in waste retrieval. We are able to study specific needs of our clients and design special equipment for each case.

Ensa has carried out, among others, the following retrieval waste projects:

Sludge retrieval

Resins and zeolits retrieval

Water retrieval

Sleeves graphite retrieval

Damaged drums retrieval

Waste treatment & waste decontamination

We provide all kinds of services and solutions for waste treatment and decontamination.

Our activities and waste treatment services include:

Waste management engineering

- Turnkey projects of waste treatment
- Supply and retrofit of waste treatment plants
- Operational support of waste treatment plants
- Waste treatment studies and waste treatment tests
- Volume reduction studies

Resin treatment

- Cementation and mobile cementation plants

Decontamination equipment supply

- Blasting cabin, chemical bath, laundry...etc.

Liquid waste treatment

- Vacuum drying mobile plant and cementation plants

Graphite treatment

- Crushing graphite and stainless steel material segregation

