

Nuclear Services

Experts in nuclear decommissioning

**We apply our expertise in
accompanying the dismantling
of nuclear facilities and the
handling of radioactive waste
and residual materials.**

VPC Nukleare Dienstleistungen GmbH

Dismantling nuclear facilities and handling radioactive waste and residual materials through to clearance or final storage poses major challenges for the operators of these facilities time and again.

We have therefore made it our task to accompany the administrative and technical process of decommissioning and dismantling nuclear facilities.

Selecting the suitable final storage container for the waste is crucial to disposal and holds huge potential for optimization. We take the basic conditions and constraints into consideration, examine them with regard to the waste and optimize them in an iterative process.

In order to implement the processing measures, we draw up schedules, instructions and documents for successful, capacity-optimized waste treatment.

Our disposal planning maps out a decommissioning project through to disposal or clearance, including planning and taking care of the documents required for clearance or final storage documentation.

We plan verification strategies and coordinate schedules and documents in the supervisory and final storage procedure to ensure efficient final storage documentation that can easily be checked.

With our innovative and economic solutions, we are at your side to support you during all phases of your project.

Our experience in planning decommissioning, disposal and packaging, and the preparation of final storage documentation from a single source enable a coherent and coordinated process right the way through from residual material to radioactive waste and disposal.



Decommissioning nuclear facilities is actively practiced sustainable environmental protection – from the restoration to greenfield site to the safe interim and long-term final storage of radioactive residual materials and waste.

Our services at a glance

Decommissioning planning

- Planning and reviewing of options for dismantling and removal
- Planning of scheduling, logistics and material flow
- QA services for nuclear facilities
- Concept development and planning for site and building approvals
- Sampling planning
- Training and provision of radiation protection specialists
- Building services planning for the dismantling of nuclear facilities

Disposal planning

- Preparation of schedules
- Planning and registration of campaigns
- Implementation of all product control measures
- Material flow planning
- Documentation management
- Coordination with authorities and official experts

Repository documentation

- Basic storage documentation (radiological, material, containers)
- Final storage documentation – planning and preparation
- Strategy development for verification in the repository procedure and for structuring the waste documentation

Packaging planning

- Selection of the optimal container and packaging configuration
- Determination of the number and type of containers required
- Technology/waste qualification/ loading planning for the production of final storage containers
- Approval planning



Radiation protection specialists for operation and decommissioning

We train radiation protection workers (VGB) for operation and decommissioning in our clients' nuclear facilities in cooperation with a certified training center. The aim is to generate a new radiation protection workforce, and ensure rapid and comprehensive practical and theoretical further qualification of the staff following their training, by this means securing availability of radiation protection specialists for the tasks facing our clients in the future.



