



Decommissioning and Waste Management

At AREVA RMC, decommissioning and waste management are core skill areas. Our team of experienced consultants has undertaken projects for a wide range of clients both in the UK and internationally, and plays a leading role in the development of the waste management programme and Letters of Compliance (LoC) for the UK's key radioactive waste management organisation.

We provide pragmatic and technically astute packages of work to support our client's decommissioning and waste management activities.

Able to assist at all stages of the decommissioning process with a strong track-record in the sector, AREVA RMC is well placed to support the challenges faced in decommissioning and waste production in the nuclear industry today.

In-depth knowledge of today's industry challenges

AREVA RMC has over twenty years' experience in decommissioning and waste management, delivering strategy, studies, and solutions that prioritise safety and a commitment to the long-term goals of our clients. Given the mobile nature of our consultants' roles, most of our staff have worked for a range of different clients within the industry.

This range of technical expertise allows us to take a well-rounded view of the safety implications involved in the decommissioning of facilities, and the long and short-term management of radioactive waste. Combined with our in-depth knowledge of the UK regulatory framework, we offer our clients pragmatic and technically astute packages of work to support their decommissioning and waste management activities, while responding to the concerns of stakeholders.

This experience provides us with the unique challenges faced by sites across the UK both in terms of the practicalities and necessities of waste-led decommissioning, and also with regards to how the conditioning, transport and storage of radioactive waste fits into the overall UK strategy for radioactive waste management.

A varied skill set for decommissioning and waste management solutions

The wide skill set of our consultancy team means that we bring a multi-disciplinary and technically informed approach to our clients' waste management and decommissioning projects; combining our main business stream of nuclear safety cases with specialised disciplines such as shielding and dose assessment, human factors, waste characterisation and the Data Quality Objectives (DQO) methodology (a technically defensible and auditable methodology for data collection).





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Grinding of the final welds of the 2 parts
of a steam generator. St. Rugey 4 npp, France.



We bring a multi-disciplinary informed approach to our client's waste management and decommissioning projects.

Take a look at our services

With an integrated range of decommissioning and radioactive waste management services, we provide support in everything from initial studies to determine and optimise the nature and quantity of radioactive waste, through to ensuring these wastes can be safely retrieved, conditioned, packaged, transported and disposed of in suitable facilities. A selection of the services we offer includes:

- Decommissioning strategy
- On-site compliance with site licence conditions
- Decommissioning plans, lifetime plan development and review
- Decommissioning safety cases
- Project management
- Safety cases for waste management facilities
- Integrated waste strategies, including waste-led decommissioning
- Waste processing, packaging and transport option studies
- EPR10 and RSA93 submissions
- Radioactive waste inventory work, including FISPIN and FISPACT calculations
- Preparation of waste packaging submissions
- Design assessment for waste and transport containers
- Regulatory compliance assessments
- Transport safety assessments
- Production of elements of package design safety reports
- Consequence assessment of accidental releases
- Transport logistical planning, modelling and costing
- Best Available Techniques (BAT)

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Commitment to quality

Our robust quality assurance systems and internal verification procedures ensure that all work, including safety case management and development, is undertaken and verified to the highest level, and fully meets the requirements specified by our clients. Our emphasis on quality ensures the safety case development process encompasses multiple layers of protection against failure (as expected by the nuclear regulator) thereby ensuring high reliability and consistency of product quality.

For further information please contact your local office:

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Work at the metallography station glovebox.
MELOX, MOX fuel manufacturing plant.
Bagnols-sur Cèze, France.

