



Safety Assurance for New Build

Specialist Services for Nuclear New Build

AREVA RMC has over 30 years nuclear safety experience helping clients successfully meet and maintain the requirements for nuclear facility licensing and operation through assured service delivery. Our long term commitment to this industry has led to an in-depth understanding of the legislative and regulatory framework in the UK. Our knowledge, experience and expertise covers the entire nuclear fuel cycle making us well placed to support new build clients.

We offer a wide and expert skill set to support and inform NNB and the GDA process

AREVA RMC offers a wide and expert skill set to support and inform Nuclear New Build (NNB) and the Generic Design Assessment (GDA) process. We take a multi-layered view of design and new build projects, covering not just critical aspects of safety but also security, environment and radiological impact of design, so that no aspect is missed in determining adequacy of the deliverable.

Nuclear safety cases in all their forms are our core business. As such we offer experts in safety case development and other specialist fields who are dedicated to providing a professional service to the highest possible standards of quality and have the experience and attributes to work closely with clients to ensure they comply with strict safety requirements and regulations.

All of our consultants are 'suitably qualified and experienced' (SQEP) in the safety case development process or specialist disciplines which support the process. We can provide consultants at all levels of seniority all of whom are SQEP at their level. Our most senior consultants are respected specialists in their fields, with several having been appointed as Technical Authorities within the Company and recognised as AREVA Experts by our parent company. We offer a wide-ranging and acknowledged safety case development and management capability, with consultants who have previously developed safety documentation for high hazard facilities.

In addition to our consultants' practical experience of safety case development, senior members of our team have also developed corporate arrangements for safety case production for a number of major nuclear site licensee companies. This ensures that our teams are led by highly experienced individuals with up to the minute appreciation of what constitutes a safety case developed to modern standards of good practice providing not only sound, informed project management but also an unparalleled level of technical oversight.

We offer a range of services in addition to the safety case development process with a number of dedicated in house experts in the following areas:

- Human Factors and Ergonomics including Human Reliability Analysis;
- Shielding Design and Dose Assessment;
- Radiological Protection;
- Waste Management and Decommissioning;
- Radioactive Materials Transport;
- Nuclear and Radiological Hazard Assessment;





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High level activity shop, R2, control room.
AREVA used fuel treatment plant, La Hague
site, Cherbourg, France.



Our skills and services to support nuclear new build include:

- Safety Submissions supporting all Lifecycle Stages;
- Staged Safety Case Submissions for New Build Projects;
- Support to Governance Process of Safety Submissions through Peer Review;
- Production of Safety Arrangements Documentation;
- Provision of NSC Members for Licences Sites;
- Regulatory Interface Management;
- Transport Safety Cases;
- Shielding and Dose Assessment;
- Human Factors and Ergonomics
- Licensing Support;
- Radiation Protection;
- Waste Management Arrangements;

We take a multi-layered view of design and new build projects

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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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AREVA RMC Ltd is a wholly owned subsidiary of AREVA and is a specialist consultancy to the UK nuclear industry. With a track record of over 30 years, it is the use of our knowledge and experience which provides the value.



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