



orano

Nuclear Safety

Decades of experience in nuclear safety

As a world-leader in nuclear, with decades of experience working in nuclear safety for the UK's key clients, safety is at the heart of what we do at Orano. Drawing on extensive experience in both the UK civil nuclear and defence sectors, our teams deliver a wide range of expert nuclear safety services that harness the full potential of our national and international capability. This ranges from owner: operator experience at our own sites in France to experience of working as fully embedded teams within UK client organisations.

Our nuclear safety capability spans the entire lifecycle of facilities. We deliver everything from optioneering at the start of the project through to construction, operations, decommissioning and waste disposal. Our teams use their in-depth knowledge of nuclear safety assessment to produce modifications and periodic reviews of safety.

We also offer expertise in nuclear safety for the disposal of radioactive waste, understanding the specifications and requirements for waste, carrying out operational safety assessments and transport safety assessments and waste form assessments.

Orano Limited is proud to offer expert and experienced nuclear safety teams to UK clients working in the civil nuclear or defence sector. We combine a respected, multi-decade track-record in the UK with learning from our own nuclear sites in France to ensure the highest standards of safety are achieved.

A multi-disciplinary approach to nuclear safety

Whether embedded within a project team, or carrying out consultancy work, Orano's teams are experienced in working closely with other disciplines such as:

- Engineering
- Operations
- Criticality assessors
- Human factors
- Dose and shielding assessments
- Waste
- Decommissioning and Dismantling

We take a holistic approach to nuclear safety to encompass a consideration of all hazards, including those relating to conventional safety.

An adaptable offer in nuclear safety

We deliver our expertise in nuclear safety in a way that is tailored to client requirements. Our team members are able to work directly for clients, embedded within project or facility teams, or we can assume a more traditional consultancy role, producing nuclear safety documents within our own teams, and working closely with the client where necessary.

Our nuclear safety professionals also provide support to our engineering teams to ensure nuclear safety support enables effective delivery. For example, our nuclear safety teams have worked on decommissioning projects where modifications were needed to the existing safety case to enable decommissioning tasks to be carried out.

In the context of more formal roles, our experienced team provides independent verification, peer review services and independent safety committee members. We also have expertise in roles such as optioneering chair and secretary, and HAZOP chair and secretary.

We offer all ranges of experience from recent graduates through to nuclear safety professionals with over 25 years of nuclear safety experience. Graduates and junior consultants are supervised by our highly experienced consultants, providing succession within the team and a diversity of views on technical delivery.



Why choose Orano Limited?

Safety is at the heart of our company culture and technical delivery in the UK. We are proud to play a role in making the nuclear industry safe for future generations and nuclear safety has been one of our core capabilities for decades. To ensure the highest possible standards of support to our clients, we have robust quality assurance and internal verification systems in place for all deliverables, which provide an added layer of confidence to the client.

Orano Limited ensures that all work is delivered in the safest way possible through innovative and technical checking procedures. Founded on a continuous improvement process, we aim to offer the highest standards of nuclear safety and environmental protection. Our experienced teams appreciate the challenges that nuclear safety documents will receive from a variety of stakeholders and regulators, and so reflect this not only in initial submissions, but also subsequent reviews.

Orano Limited acts as the UK gateway to the global expertise of the Orano group, working with the UK's major nuclear clients on some of the sector's highest profile challenges. With expertise across the fuel cycle, Orano is a world leader in nuclear, with 17,000 employees across the globe.

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Giving nuclear energy its full value

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