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Business area: Nuclear & Power

Requirements: On track to achieve a minimum of a 2.1 Bachelors/BEng degree in Environmental Science, Environmental Pollution, Environmental Control, Radiation & Environmental Protection, Nuclear Engineering, Nuclear Decommissioning and Waste Management, Geology, Geoscience, Geography, Chemistry, Chemical Engineering, Physics, Environmental Engineering, Design Engineering, Process Engineering.

Our teams and what they do

The nuclear industry has a major role to play in supporting the UK's energy security, and in contributing to net zero targets essential to combating climate change. With the UK government's commitment to Small Modular Reactor (SMR) technologies and nuclear fusion, the nuclear landscape is continuously adapting to meet the government's net zero targets. Further, as the UK's current fleet of nuclear reactors move towards and enter their end of life, there are exciting opportunities for managing the decommissioning of the plants, reactor dismantling and dealing with legacy wastes. This brings unique challenges in delivering the next generation of nuclear technology whilst simultaneously managing the existing nuclear reactor fleet through to the end of generation and safely decommissioning legacy facilities.

It's an exciting time to be a part of our Nuclear & Power business, with decades of nationally and internationally critical projects in the pipeline. This includes work across the entire nuclear lifecycle, defence and fusion for clients such as EDF Energy (Électricité de France), Rolls-Royce, Nuclear Waste Services (NWS), Nuclear Decommissioning Authority (NDA), Nuclear Restoration Services (NRS) and defence and international clients. For you, this means unrivalled opportunities to develop your career by joining a fast-paced, growing team, delivering solutions to our clients' most challenging engineering requirements.

Within our Environment, Waste & Radiological Services capability, we have expertise which extends across the whole of the nuclear lifecycle. This includes supporting clients in the building of new power stations, the operation of existing facilities, and the undertaking of decommissioning and waste management operations. Our Environment and Waste Strategy team sits within this capability and consists of industry leading specialists who work collaboratively to deliver safe, sustainable, and innovative solutions for the protection of the public and the environment for generations to come.

Team Details

Power New Build

Locations within this Team: Bristol.

The Environment and Waste Strategy team (primarily based in Bristol) is a diverse team of environmental professionals who work collaboratively to provide specialist advice for our clients across the nuclear sector. We have a diverse range of academic backgrounds including environmental scientists, waste engineers, geologists, chemists and physicists. Our key focus is to deliver environmental protection in design and project delivery, and drive sustainability for our clients in the broadest sense.

Your work within our team will contribute to the UK's Net Zero efforts by supporting our clients' innovative nuclear new build projects (fission, fusion and SMR) to secure future low-carbon energy supplies. You will

have the opportunity to work with different clients across the industry, assisting them at generating and decommissioning sites, as well as in the delivery of the Geological Disposal Facility. You will also have the opportunity to develop your industry knowledge and gain experience with international clients.

As an environmental consultant placement student, you will be aided by the team to get involved with a broad range of opportunities, including but not limited to:

- Development of the documentation necessary to deliver Radioactive Substances Regulation Environmental Permit applications and other environmental consents (i.e., conventional waste/discharge permits, planning applications, Environmental Impact Assessments etc.) to ensure Clients meet their environmental duties and other legal environmental requirements. We also make sure the conditions/requirements specified in the permits are followed and implemented into the design of nuclear facilities.
- Best Available Techniques/Best Practicable Means studies (and other supplementary work) for radioactive discharges, waste processing and disposal options assessments.
- Generic Design Assessment (GDA) of new reactor technology proposed to be deployed within the UK.
- Radiological dose modelling & assessment.
- Radioactive & contaminated land management.
- Development of integrated permissions and consents programmes to aid project deployment.
- Development and review of UK Government policy.

In joining our wider Environment, Waste & Radiological Services capability, you will have the opportunity to gain experience across the full breadth of the technical disciplines that we offer our clients, spanning the areas of environmental permitting, radioactive waste management, and radiological assessment and analysis. This will enable you to develop complementary skillsets that will strengthen your overall technical offering as you develop within AtkinsRéalis.

We're looking for placement candidates to join our team who have a genuine passion for the nuclear industry and a desire to drive their own career. From day one you will work with our subject matter experts, developing the technical, commercial, and hands-on experience you will need to achieve chartered status and actively contribute to the goal of net zero through the development and delivery of a diverse range of nuclear projects.

Our team works predominantly across our office locations in Bristol, Manchester, and Epsom, with staff working flexibly between their home and office locations. As a valued colleague within our team, you will have the opportunity to visit client offices and gain valuable site-based experience supporting our clients designing, constructing, operating, and decommissioning UK nuclear sites.

As well as delivering excellence for our clients, we are committed to maintaining an inclusive and supportive environment that allows our people to thrive. Joining us at AtkinsRéalis could be the first step on your path to a long and fulfilling career full of exciting opportunities to grow and develop. We look forward to meeting you and welcoming you into our team!

Locations for this business will include:

Industrial placement locations: Bristol
Summer placement locations: Bristol

To apply, please return to the main job specification