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Business area: Nuclear & Power

Requirements: Minimum 2.2 Bachelors/BEng degree in Engineering or Science, including but not limited to: Fusion, Systems Engineering, Materials Science/Engineering, Physics

Our teams and what they do

Our Nuclear & Power business works collaboratively across the industry, building trust and delivering exception engineering solutions to our key clients. It's a really exciting time to be a part of our team, with decades of nationally and internationally critical projects in the pipeline. For you, this means unrivalled opportunities to develop your career by joining a growing team operating in a fast-paced environment and delivering solutions to our clients' most challenging engineering requirements.

This role is part of our Power New Build - Fusion & Advanced Reactors capability team.

Team Details

Power New Build – Fusion & Advanced Reactors
Locations within this team: Bristol, Epsom, Sheffield.

Our Fusion and Advanced Reactor team is looking to the future. We're searching for passionate graduates to join our growing team to work across our fusion energy portfolio, SMR/AMR projects, and other advanced reactor technologies. You will also have the opportunity to develop your capability across other markets including fission. We deliver solutions to complex problems across the full lifecycle of nuclear, which ranges from design through to site-based engineering support.

Working within our Fusion and Advanced Reactor team, you'll be joining an ambitious group who are delivering projects across the advanced reactor design and fusion markets; all of which demand a multi-disciplinary approach to deliver solutions to problems that have not yet been broached in the nuclear engineering industry. As part of the team, you'll be empowered and encouraged to take part in a variety of work such as technical projects, project management and commercial / business development projects; allowing early career engineers to guide their own career progression.

This role is fusion-based and will involve a range of theoretical, design, practical, and digital elements. You can work on a variety of projects at the forefront of the nuclear industry, in UK Atomic Energy Authority (UKAEA) working on their Spherical Tokamak for Energy Production (STEP) and Hydrogen 3 Advanced Technology (H3AT), or the International Thermonuclear Experimental Reactor (ITER) based in the south of France as we aim to deliver different pathways for commercially viable fusion energy.

Across our portfolio, you'll be involved in the optioneering, design, analysis, and assessment of fusion relevant technologies and systems, whether that be on stand-alone technical tasks or as part large multi-year consultancy support contracts. By working closely with our UK and international clients, you'll be building strong relationships, developing a comprehensive understanding of their requirements, and delivering cost effective and innovative solutions. You'll also take a proactive role within projects, co-ordinating within teams and providing technical assistance and shadowing senior engineers.

As part of the team, you'll be delivering projects from your home office / location, as well as visiting client sites / offices. As part of our Nuclear and Power Business, you'll be focused on expanding our fusion project portfolio but can work across our other markets including Next Generation Nuclear New Build (e.g. Moltex or Rolls-Royce SMR) and Net Zero Technologies.

Our Fusion and Advanced Reactor team is growing and has great opportunities for you to support this growth, develop your own skillset and progress your engineering career with mentoring from senior engineers.

Locations for this business will include: Bristol, Epsom, Sheffield

To apply, please return to the main job specification