



<b>Business area:</b> Nuclear and Power – Project Manager
<b>Requirements:</b> Minimum 2.2 Bachelors/BEng degree in an engineering, commercial, science or project management related subject.
<b>Our teams and what they do</b>
<p><b>Glasgow, Warrington/Whitehaven</b></p> <p>We are the team that engineer, deliver, manage and decommission nuclear facilities worldwide, using the latest technology solutions to ensure the lights stay on and the world remains a safe place. As a Graduate Project Manager, you'll be responsible for the delivery of projects to time, cost and quality primarily in the nuclear sector. This could include:</p> <ul style="list-style-type: none"> <li>• Interfacing with internal clients such as the engineering team and project support functions.</li> <li>• Interfacing with external stakeholders such as client organisations, our delivery partners and our supply chains.</li> <li>• Gaining an understanding of and complying with our company processes and procedures.</li> <li>• Monitoring of project performance and reporting of that to both internal management and client organisations using tools such as earned value management.</li> <li>• You could also be tasked with leading and coordinating high quality, industry-leading bids. Some examples of clients you could be working for include Urenco UK, Sellafield Ltd and various nuclear new build organisations.</li> </ul>
<p><b>Locations for this Business area:</b> Glasgow Whitehaven or Warrington</p>
<b>To apply, please return to the main job specification</b>

<b>Business area:</b> Nuclear and Power – Project Engineer
<b>Requirements:</b> Minimum 2.2 Bachelors/BEng degree in Mechanical Engineering, Design Engineering, Process Engineering, Chemistry, Chemical Engineering, Physics, Nuclear Engineering, Nuclear, Sustainable Energy, Mathematics, Economics.
<b>Our teams and what they do</b>
<p>The role of a project engineer requires working within an interdisciplinary engineering team to achieve a common goal. Exceptional interpersonal skills, stakeholder management, coordination and communication are essential to the role. Experience of the nuclear industry is not essential; however, it is expected that applicable skills gained from your degree should be proactively utilised to develop your role. This role will allow you to develop technical and project skills through targeted training opportunities, on the job experience, mentoring and continual professional development such as chartership progression. There is also the potential to develop your management skills by leading other team members within a project-based environment.</p>

We have opportunities for graduates across a range of our nuclear teams in the UK, here's a little about what they do.

### **Systems Design**

As part of our process team you would be involved in technically demanding projects, providing system descriptions, technical specifications and be involved in delivering multidisciplinary design optimisation. There is a strong motivation for problem solving, often taking failed designs and improving them. We are focussed on using core chemical engineering principles to provide systems design throughout a project lifecycle:

Projects our team are currently involved with include:

- UK SMR (Small Modular Reactor) programme in collaboration with Rolls Royce include optioneering and concept design of liquid, gas, solid waste and spent fuel management systems.
- Developing waste processing designs for HPC from detailed design through commissioning. Our team offers site support and secondment opportunities in the UK Design Centre at Edvance and on-site at HPC.
- Preliminary and detailed design of the tokamak exhaust reprocessing loop at UKAEA's H3AT facility, providing novel solutions to aid in the processing and storage of tritium.
- Designing innovative high temperature test loops for UKAEA's NTHF, using novel materials and measurement techniques. Our team also offers secondment opportunities the UK's fusion centre in Culham.
- International projects including technical advisor for the development of multiple large-scale green hydrogen and derivative plants for TAQA in UAE.
- Detailed design of gas systems for semiconductor manufacturing, providing high precision flow networks and safely designing for toxic and flammable materials.

Our team has a designated net-zero focus group, offers tailored training opportunities and charterhip mentoring. The team is committed to developing new graduates and using your unique skills to push a low-carbon energy future.

### **Integrated Engineering Solutions**

The Integrated Engineering Solutions group is a multi-disciplinary team of Mechanical, Electrical, Building Services and Project Engineers who work across all stages of the project lifecycle from new build to decommissioning to deliver multi-disciplinary packages of work on key facilities, systems and components across the full spectrum of Nuclear Power. As a project engineer would be working in roles related to the design, analysis and assessment of Heating, Ventilation and Air Conditioning (HVAC) systems and Mechanical Process systems. These can be stand-alone technical tasks or part of large multi-disciplinary projects.

### **Civil & Structural Assessment**

Aiding in the UK's ambition to achieve Net Zero emission targets, you will have the opportunity to work on exciting projects such as Hinkley Point C, Small Modular Reactors (SMRs), and fusion nuclear reactor technologies that will generate reliable carbon free electricity for the coming decades. You will also have the opportunity to contribute to shape the world's Nuclear Decommissioning strategies, working alongside our UK & European decommissioning clients as we lead the way enabling safe and effective decommissioning globally. You can also support our key clients in Nuclear Generation to help keep existing nuclear power stations in this country running safely. Our team is employing a number of state-of-art digital technologies to support our clients, including the use of Unmanned Aerial Vehicles (UAVs), Virtual and Augmented Reality (AR/VR) and Building Information Modelling (BIM). You will be supported in your career development as you develop your technical skills and beyond as you begin to take on management and leadership roles, as well as engage with client and regulators.

**Locations for this business will include:**

Bristol  
Epsom

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