
JOB ADVERT

Senior Nuclear Safety Engineer

Competitive Salary

Knutsford, Cheshire

Stopford are recruiting for a Senior Nuclear Safety Engineer to join the team to work with highly skilled professionals who are constantly striving to deliver excellence and best practice.

Stopford's business activities are at the forefront of the energy transition and together with our clients and partners, we are playing our part in tackling the biggest challenges of our time: Energy Security; Environmental Sustainability and Energy Affordability.

You will be based at our office in Knutsford with the opportunity for hybrid working. There may be occasional travel required to other offices and client offices/sites. This is a full-time permanent position.

The Role

Reporting to the Consultancy Group Director, the Senior Nuclear Safety Engineer shall be responsible for the delivery of nuclear safety projects and tasks, ensuring they are on budget and meeting the client's satisfaction whilst also taking the lead in the preparation of nuclear safety cases and supporting documentation.

Key Responsibilities include:

- Leading HAZOP's, HAZID's and FMEA's.
- Use of claims/arguments/evidence techniques or other similar tools to clearly articulate safety case arguments.
- Contribute to and lead the coordination of multidisciplinary teams in delivering project goals within the constraints of nuclear regulations, standards and security measures.
- Leading on Fire, Criticality, Radiological Shielding and any developing safety cases.
- Supporting clients in interaction with the regulator.
- Providing technical guidance for clients and colleagues on safety related impacts resulting from project decisions.
- Provide expert recommendations on complex safety issues, ensuring that all stakeholders understand the safety case rationale and the strategic benefits of recommended actions.
- Ensure that project deliverables align with UK regulatory standards including those set by the office for Nuclear Regulation (ONR).

About you

- A degree of equivalent in a relevant discipline, e.g. physics, chemical engineering, mechanical engineering, control/electrical engineering.
- Chartership or equivalent.
- HAZOP/HAZID Leader.
- Established leader in nuclear safety ensuring high standards for safety, security, quality, environmental protection, sustainability and ED&I.

- Extensive expertise in nuclear safety techniques and safety assessment methods including deterministic and probabilistic methods.
- Substantial experience of safety case production and management for all stages of plant lifecycle from concept design to decommissioning, hazard identification, fault analysis, Design Basis Accident (DBA) Assessment, Barrier Analysis, Layers of Protection Analysis (LOPA), Probabilistic Safety Assessment (PSA), Radiological Consequence Assessment and ALARP assessment.
- Able to build positive, productive relationships and networks and successfully engage with and influence stakeholders to achieve successful project outcomes.
- Excellent reporting writing skills.
- In depth knowledge of relevant UK regulations and standards (including the Ionising Radiations Regulations 2017).
- Excellent communication skills, both written and verbal.
- Experience of using MS Office tools, including intermediate to advanced MS Excel skills
- Eligible to live and work in the UK.
- Full UK/EEC driving licence.

Security Clearance

The successful candidate must be able to achieve and maintain security clearance of at least Security Check level (SC clearance) for this role.

The Company

Stopford is an international energy and environmental engineering company, our professional services span Technology and Innovation, Consultancy and Project Delivery. We are an industry leader with a portfolio spanning research and development through to design and commissioning of process, power, and renewables technology. With a worldwide clientele in emerging and existing industries, we provide a full range of project management and engineering services.

Employment at Stopford brings many benefits including:

- Competitive salary
- Profit related bonus payment (10%)
- Pension (5% employer and 5% employee)
- 25 days holiday plus bank holidays
- Additional day off to celebrate your Birthday
- Private medical insurance
- Employee assistance programme
- Free on-site parking
- Reimbursement of professional membership fees
- Long service awards

Please go to our website for a full job description to familiarise yourself with all of the responsibilities, skills and experience required before you apply.

Please note that we do not accept applications from agencies, and you must be eligible to live and work in the UK.

We look forward to receiving your CV for the post of Senior Nuclear Safety Engineer.

Closing date: 27 April 2025

Stopford reserves the right to bring forward the closing date if we receive a suitable number of quality applications from which to make a shortlist. Therefore, we would recommend that you apply as soon as possible.

Please note that due to the volume of applications we receive we are unfortunately not able to respond to each applicant. If you have not been called for interview within 3 weeks of the closing date, you should assume that on this occasion your application has been unsuccessful.

Job Description

Position: Senior Nuclear Safety Engineer

Group: Consultancy

Location: Knutsford

Company Ambition

Our ambition is to lead the way in engineering a sustainable world through the transition to a low carbon economy.

Values

Our values guide the way we carry out our everyday activities to achieve our ambition:

- Responsibility – Committed to ethical and responsible actions
- Innovation – Innovation to create sustainable value
- Unrivalled expertise – Delivering a world class service
- Inclusivity – Working together with mutual respect
- Sustainability – Awareness at every opportunity

Description

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Key Responsibilities

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- Use of Claims/Arguments/Evidence techniques or other similar tools to clearly articulate safety case arguments.
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- Provide expert recommendations on complex safety issues, ensuring that all stakeholders understand the safety case rationale and the strategic benefits of recommended actions.
- Ensure that project deliverables align with UK regulatory standards including those set by the office for Nuclear Regulation (ONR).

Minimum Requirements – Education and Experience

- A degree of equivalent in a relevant discipline, e.g. physics, chemical engineering, mechanical engineering, control/electrical engineering.
- Chartership or equivalent.
- HAZOP/HAZID Leader.
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Company Wide Aspects

- Adhere to Stopford's Business Management System.
- Align with and promote Company Values and Vision.

The above is not an exhaustive list of duties and you will be expected to perform different tasks as necessitated by your role within the organisation and the overall business objectives of the organisation.