

SENIOR SAFETY CASE CONSULTANT

CATEGORY:

Nuclear Safety Case

TYPE:

Senior Consultant (grade dependent on experience); Permanent; Full Time

LOCATION:

Gloucester (noting also possible opportunities in Warrington, Glasgow and London)

SALARY:

Attractive remuneration package dependant on experience

GENERAL DESCRIPTION:

- CRA is seeking to employ senior Consultants to work on Safety Case consulting services to its clients in the UK nuclear industry.
- As an experienced nuclear safety case author-verifier with at least five years of relevant experience, you will be able to work with minimal supervision for one of our UK clients in the production and updating of their safety cases.
- Your work will directly impact the continuous, safe operation of generating plants and bring the operation of new builds ever closer by covering safety case updates, plant modifications, pre-construction safety submissions, return to service and justification for continued operation safety cases. There may be opportunities to support decommissioning and radiological waste projects if experience is relevant.
- Reporting to the Service Lead for Nuclear Safety Case and working with other safety case consultants, you will be part of the developing team of safety case experts in CRA.
- CRA's culture has three values at its core; Quality, Integrity and Leadership. You will be expected to maintain CRA's values at all times.

QUALIFICATIONS:

- Degree qualified (Bachelors, Masters, Doctorate), or equivalent, in a scientific or engineering discipline
- Chartered or working towards Chartership in a relevant institution
- Authorisation for preparation and/or review of safety cases within UK nuclear organisations is preferable
- Security Clearance (BPSS and CTC) or ability to obtain appropriate clearance

EXPERIENCE:

- Production of nuclear safety case documentation (to the level which could have a significant but not serious impact on nuclear safety if inadequately conceived or executed)
- Experience as both an author and verifier on a number of safety cases
- Application of the ALARP principle and constructing ALARP justifications; prior participation in ALARP workshops is an advantage
- Experience working as part of a team and able to effectively liaise with stakeholders

- Experience of supporting activities such as PSR reports, safety system reviews, HAZOPs, HAZANs, PSA, human factors, ALARP optioneering, and producing other supporting references.

CORE SKILLS AND KNOWLEDGE:

- Detailed knowledge of UK nuclear safety case content including deterministic and probabilistic assessments and justifications
- Detailed knowledge of the structure of nuclear safety submissions and the ability to present information logically by claims, argument and evidence
- Safety case author-verifier with the ability to work unsupervised on producing safety case documentation in the UK
- Extract technical information from a range of sources and combine it into a succinct analysis of facts
- Understanding of AGR and PWR operation and safety features – understanding of other reactor technologies would be beneficial (notably BWR and SMRs)
- Good self-organisation with the ability to plan and deliver work to budget, time and quality
- Ability to manage internal and external stakeholders at various levels and to nurture client relationships
- Awareness of relevant standards and safety case assessment principles

KEY ATTRIBUTES:

- Logically and technically minded
- Enthusiasm to develop your career and competencies in a growing technical consultancy environment
- Excellent written and oral communication skills
- Strong problem solving ability
- High level of IT proficiency, computer literacy, MS Office Suite
- Ability to think logically and creatively
- Well-developed report writing and presentation skills

DESIRABLE:

- Project management experience
- Client facing experience
- Business development experience
- Proposal writing
- There may be future scope for work outside the UK so any foreign languages should be mentioned

Please send CV and covering letter to Charlie Boyle (cboyle@crarisk.com). Closing date: 15 January 2019 (noting future applications will be considered if adequate posts are not filled)

For a confidential discussion regarding this opportunity, please contact Mia Bennett:

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