

Specification for the role of: **Principal Human Factors Consultant**
 Business area: **Nuclear Operations**
 Reports to: **Human Factors Capability Manager**



Main Responsibilities	
Apply Human Factors methods in a wide variety of circumstances because you are up to date with developments in methodology and approach.	
Lead technical delivery of projects to meet customer requirements.	
Experienced in providing support to multi-disciplinary teams addressing safety challenges.	
Experienced in the support and development of junior colleagues.	
Manage and maintain relationships with internal and external stakeholders	
Provide support to bids for new work.	
Use your creativity and initiative to develop new capabilities for the Human Factors team, through innovative approaches that include being the technical lead on complex R&D projects and submissions.	
Be interested in developing the Human Factors team through mentoring and supervision.	
Design and deliver specialist Human Factors training within the team and across NNL.	
Liaise with the Regulator.	
Conduct audit and assurance activities to provide confidence that technical standards are met	
Essential	Desirable
Education and Qualifications	
Degree or post graduate qualification in Human Factors, Psychology, Ergonomics, or a related discipline	
Knowledge and skills	
Extensive experience in integrating and applying Human Factors methods, preferably in a safety critical environment.	Detailed knowledge of advanced Human Factors techniques
Exceptional level of knowledge in the field of Human Factors.	Experienced in mentoring and developing technical skills.
Critical thinking / analytical skills	Preferably Chartered Membership of a professional institution.
Mentoring skills	You might have membership of relevant national industry group(s).
Proven ability to make proportionality judgements	Knowledge and experience of implementing modern technologies in a nuclear environment such as automation, AI, robotics, digitalisation.
Demonstrable experience of national or international experience this might include support to organisations like ONR, IAEA, SDF groups, CIEHF etc	Understanding of the basics of project management processes
Scoping and costing HF work	

Personal attributes

Proven ability to act independently, under own initiative, while supervising other members of the team.	Excellent networking skills, maintaining network across the Human Factors field nationally.
Excellent communication skills, including remote working.	
Excellent teamworking skills, with ability to inspire the work of a team.	
Self-Motivated	
Manage contracts to time, cost and quality	
Evidence of effective leadership	

Security clearance requirements

Ability to obtain SC level security clearance (this includes but is not limited to identity, employment, financial and criminal record checks plus 5 years' worth of UK residency).	
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