

**RESEARCH ASSOCIATE/SENIOR RESEARCH ASSOCIATE**

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| --- | --- | --- |
| A PhD in Physics, Nuclear Engineering or a related discipline | Essential | Application Form |
| A thorough working understanding of the development of experiments for detection of radiation, using techniques such as gamma ray spectroscopy and ultra-low level liquid scintillation | Essential | Supporting Statements/Interview |
| Experience of safely performing experiments using radioactive material | Essential | Supporting Statements/Interview |
| Publication record appropriate to stage of career including first author research publications in peer-reviewed journals | Essential | Application Form |
| Experience in analysis and interpretation of experimental data | Essential | Supporting Statements/Interview |
| To convey an appropriate rationale and interest in applying for this particular post  | Essential | Application Form |
| Uses appropriate styles and arguments to influence and negotiate satisfactory outcomes | Essential | Interview |
| Experience of performing neutronics simulations using codes, such as OpenMC or MCNP | Desirable | Supporting Statements/Interview |
| Effective interpersonal skills including evidence of working collaboratively within a team and providing appropriate guidance for colleagues | Desirable | Interview |
| Experience of performing gas release experiments from crystalline ceramics | Desirable | Supporting Statements/Interview |

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* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicant are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
* **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.