



Growing Awareness In Nuclear

An NSAN Initiative

Growing Awareness In Nuclear (GAIN) has been successfully delivered to a range of nuclear companies for a number of years. This one day Programme provides a fantastic introduction to the nuclear industry for those early in their career or equally those transitioning from other industries or sectors.

What is GAIN Lite?

The GAIN Lite programme provides a robust introduction to the nuclear industry delivered over one day.



Topics Include

- An outline of the history of the nuclear industry, looking at the military origins and the evolution of the civil nuclear programme within the UK energy mix.
- An overview of a range of UK nuclear sites.
- The role of the UK Inspectorates, including relevant acts and the powers of inspectors, Site Licence Conditions, and the regulatory powers of the nuclear Site Licence.
- General security principles with an overview of legislation.
- Behavioural and attitude expectations.
- General safety principles.
- The evolution of the public perception of the nuclear industry.
- The methods of reducing and controlling radiation dose; specifically, time, distance and shielding.
- The principles of nuclear fission and chain reactions.
- An overview of the fuel cycle.
- The concept of criticality and techniques to avoid it.
- An overview of waste treatment and disposal.
- An overview of emergency procedures and what actions should be taken by the individual.



Delivery Options

One day Programme delivered virtually via MS Teams by a highly experienced and qualified tutor.



Who should complete it?

The Programme is aimed at non-technical people who will be working in the nuclear industry as provides a 'Lite' touch introduction to the sector. A great course to include as part of an induction or onboarding programme.



Optional Extras

If you are looking for a more enhanced programme try GAIN Live.