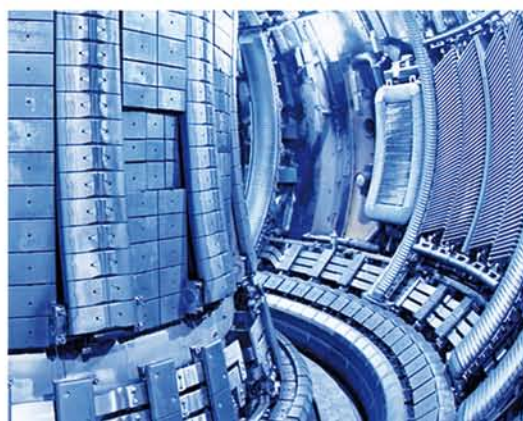
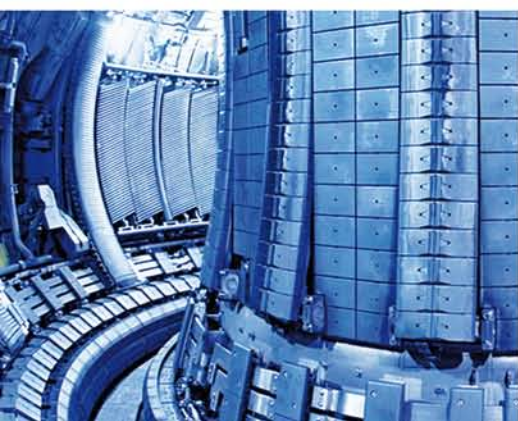


CCID

Nuclear





Nuclear

As the world searches to reduce the environmental impact of energy generation the option of nuclear power looks increasingly like the way forwards. The next 20 years will be dominated by new build of power stations around the world alongside the search to make fusion power work.

With the history and the nature of the technology, safety will always be a primary concern in the nuclear industry. And key in reducing the risks is minimising the potential for human error in operations and maintenance.

Addressing this requires the integration of human factors into the design and safety case processes. CCD has been at the forefront of providing human factors consultancy to safety critical industries for the past 30 years.

We use our knowledge of human behaviour and a comprehensive set of industry approved tools to predict performance in the control room and on plant. These tools provide an assessment of human error and reliability and mental workload.

The control rooms of future power plants will be digital. CCD has experience in the design and assessment of graphical user-interfaces for

control systems. We work to ensure usability, effective operations and the minimisation of error.

CCD's core experience is in the ergonomic design of control rooms. We use our skills and experience to deliver a safe and high quality working environment for operators who have significant responsibilities.

Our human factors based approach to assessment and design can ensure the power plants of the future minimise the risk of human error and are operable to deliver the financial and power generation performance that is required.

Some of our clients:

- BNFL
- ITER
- Westinghouse
- NUKEM
- James Fisher
- Health & Safety Executive
- CERN

Contact us to discuss how we can help you...



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