

Atkins has more than 40 years experience in the nuclear sector and employs over 600 professionals servicing all parts of the industry, including defence, generation and clean up. Our business is growing rapidly and has very favourable demographics as a result of our approach to recruitment and training through our Atkins Training Academy.

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## Nuclear

We have been involved in many of the most demanding projects within the UK nuclear industry in recent years. We also have an involvement in the lifecycle of issues that encompass the nuclear new build programme through our work with Government, regulators, utilities and reactor vendors.

Our core strengths:

### **Nuclear Generation**

**Technology (3 & 3+):** 600 nuclear specialists including PWR, BWR, and HWR specialists

**Fuel / Waste Cycle:** Fuel/waste cycle specialists within a 200+ nuclear clean up resource pool

**Safety Case:** 50 nuclear safety specialists, 700+ civil, mechanical, electrical and C&I specialists designing in a 'nuclear safety' environment

**Cooling Water Systems:** 20 specialists, supported by 160+ general water engineers across Atkins

### **Control & Instrumentation:**

100+ C&I specialists across Atkins

**Mechanical Systems:** 350+ mechanical engineers in the nuclear industry and 5,000+ across Atkins

**Electrical Systems:** 500+ electrical engineers across Atkins

## Key Project Experience:

### Sellafield Ponds

The £300M Legacy Ponds and Silos Project at Sellafield includes the refurbishment, retrieval of waste and clean-up of the most challenging legacy facilities in the UK.

In 2001 Atkins, Aker Solutions and Carillion formed ACKtiv Nuclear, a joint venture which is focused on delivering whole life cycle projects to the nuclear sector, and Sellafield in particular. ACKtiv Nuclear has delivered over £100m of services to Sellafield across a portfolio of projects. At the heart of these projects is the decommissioning of the First Generation Magnox Storage Pond and the processing of the subsequent wastes. Projects include :

- Ponds Alliance 2001-2005. In Alliance with Sellafield Ltd, the project engineered, procured and constructed the facilities for early enabling works to remove the fuel and associated waste from the pond
- Export Facility 2006-2009. ACKtiv were responsible for the engineering, and procurement of the equipment to refurbish the Inlet Building to enable the export of fuel from the pond
- Retrievals 2007-2011. ACKtiv are responsible for the engineering, procurement and installation of equipment to allow the retrieval of operational wastes from the fuel storage pond.

ACKtiv Nuclear continues to support Sellafield.

### AWE Design House

Atkins is proud to have worked with AWE for more than 20 years. During this time we have witnessed the continuous improvement in the performance of procurement and supply chain management at AWE. We now support AWE in a collaborative arrangement in our role as a Design House delivering complex facility design projects. Our major role encompasses all aspects of facility design including civil, structural, seismic, mechanical and electrical design. We look forward to continuing to develop the relationship in support of AWE's business strategies in the years to come.

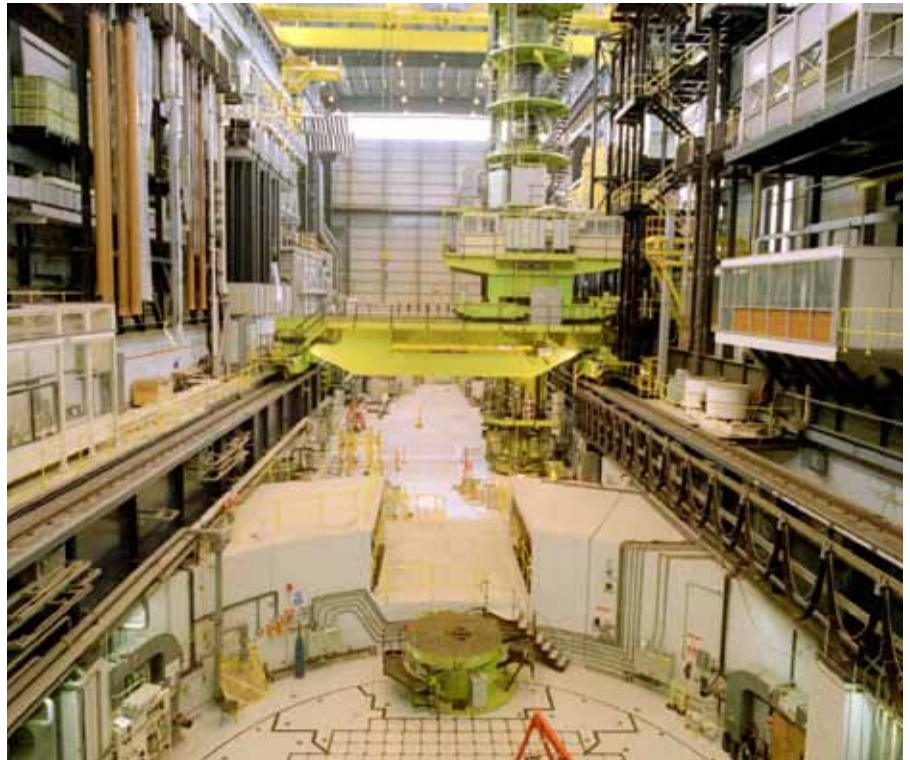
### British Energy – Technical Support Alliance

Atkins is one of the four lead partners to British Energy on the Technical Support Alliance. Under this vehicle, Atkins has provided more than 250 man years of support to the nuclear fleet in the last three years alone, with key contributions in the areas of:

- Graphite Core programme in support of life extension
- Fuel Route improvement programme
- Periodic Safety Review programme
- Key recovery projects such as Boilers and Boiler Closure Units

### Rolls-Royce Marine

Atkins is a major support partner to Rolls-Royce in the nuclear arena through its Managed Service Contract. We have performed impact assessments for Vanguard Class, Swiftsure Class, Trafalgar Class and we are currently working on the safety case for the new Astute Class submarine. We are increasingly providing support on and around the next generation deterrent programme for Rolls-Royce and are staffing up to act as key supplier to Rolls-Royce Submarines to deliver the Flotilla Reactor Plant Support Contract. We have recently won the Technical Authority role for small vessels and coolers.



## For more information please contact:

Chris Ball  
Email: [chris.ball@atkinglobal.com](mailto:chris.ball@atkinglobal.com)  
Tel: +44 (0) 1454 662689

[www.atkinglobal.com](http://www.atkinglobal.com)