

waste storage facility at Sellafield was awarded to a Babcock and Balfour Beatty Joint Venture. The contract, for the Early Contractor Engagement Phase of the Box Encapsulation Plant Product Store and Comprehensive Import Export Facility (BEPPS and CIEF) Project, is expected to be complete in 2019.

The BEPPS and CIEF project involves the completion and expansion of a purpose-built, above-ground nuclear waste store and the construction of a new import/export facility to handle radioactive waste, arising from the ongoing nuclear decommissioning and high hazard reduction operations at the Sellafield site in West Cumbria.

Paul Stewart, Sellafield's Programme Delivery Manager BEPPS – CIEF, said, "We are pleased to award this contract to the Babcock and Balfour Beatty Joint Venture and are looking forward to working in close partnership with them to deliver a safe, reliable and cost effective facility."

Dr Ian Hudson, The Nuclear Decommissioning Authority's Sellafield Programme Director, said, "Our priority at Sellafield is the reduction of risk and high hazard, and this project will deliver a new facility that will have an important role to play in storing the waste that arises from that work."

Sellafield Ltd is a company owned and operated by Nuclear Management Partners, a consortium comprising URS, AMEC and AREVA.

**SPRS construction project nears completion**

Under the ownership of Nuclear Management Partners, Sellafield Ltd has now completed and approved the last safety commissioning test of the inactive safety commissioning phase on the Sellafield Product and Residue Store (SPRS) project in May last year. As well as completing the work two months ahead of schedule, teams on the project have worked 33 months and 1.8 million blue collar man hours without a lost time accident.

The main build work on the SPRS started in 2005 and this milestone represents the completion of the construction and initial testing, demonstrating that the plant meets its design intent.

SPRS is designed and constructed to provide safe secure storage for nuclear materials produced as a result of reprocessing operations carried out at Sellafield.

Sellafield Ltd's Project Management Director Bill Condon stated: "I would like everyone

to join me in congratulating the SPRS project team on the successful delivery of this significant project."

**Acorn Coaching and Development**

Acorn has built a reputation over the last seventeen years as being passionate about improving business and project performance.

Acorn assists businesses through accelerating the performance of teams and individuals. They engage companies and their staff effectively and ensure that benefits are practical and immediately relevant. Taking the time to understand their customers and their clients' key issues means that they create truly bespoke interventions that align with their businesses and project needs. Acorn Coaching and Development take pride in their pragmatic, no-nonsense approach that results in real business benefits.

Acorn has built long-term relationships with clients in the nuclear industry, rail and transport infrastructure, construction and project management sectors. It has enjoyed particular success in enhancing the safety culture within major companies and driving co-operation amongst bid teams and project partners. Acorn has also assisted major construction companies to eliminate defects and costly snags.

The company also have experience of successfully contributing to business growth and expansion through ensuring strategic alignment with a client's requirements, creating succession planning and developing leaders who proactively contribute to business success.

Acorn has experience at all stages of the project lifecycle within nuclear and large complex projects including accelerating the performance of bid teams, project start up, complex project delivery and project handover. They are working with clients such as SPP1, B30 and LLWR, Balfour Beatty, BAM PPP, Skanska, and Carillion. The fact that they maintain long-term relationships with their clients is testimony to the company's ability to add real business value.

**AMELEC-Nuclear Sector**

AMELEC is a well established UK Design, Manufacturing & Supply Company, producing a wide range of analogue Signal Conditioning / Process Monitoring & Control Instrumentation for use throughout the Nuclear, Power Generation, Utilities,



**Castle Green Conference & Training**

Not all conferences are the same but our high standard of service always is, whether a two-person business meeting or a multimedia event for 300 delegates. There are no hidden extras, you'll find all the equipment you need is included in the rate – wireless internet access, projectors and speakers.

- Dedicated Business & Training Centre with conference hosts always available
- Six conference rooms to accommodate 2 to 300 delegates
- Air conditioning and natural daylight in every room
- LCD projectors, broadband access, laptops with printing facilities in every room
- Unlimited refreshments
- Only 10 minutes from the M6



Prepare Work Relax

Best Western Castle Green Hotel in Kendal  
 Castle Green Lane, Kendal, Cumbria, LA9 6RG  
 t: 01539 734000 | f: 01539 735522 | e. sales@castlegreen.co.uk | www.castlegreen.co.uk



**OBSOLETE INSTRUMENTATION  
NO PROBLEM**



AMELEC manufacture & supply a vast array of analogue Signal Conditioning/ Process Monitoring & Control instrumentation with up to 10 Year Warranty. 35+ years experienced in the nuclear sector supplying to Sellafield, the UK Nuclear fleet of Power Stations, AWE, Urenco, Magnox, CCFE & Westinghouse/Springfields Fuels.

As well as your New Project applications, AMELEC can also support you with existing plant Control Systems Refurbishments & Life Extensions, especially when you may be faced with aged or obsolete instrumentation.

We have successfully supported customers with numerous refurbishment & retrofit solutions over the years, even producing like-for-like pin compatible replacement products for systems not originally of our supply or manufacture!

A recent example of this service for Sellafield has been our development of the Plug-in cards directly compatible for use in aged RIS rack systems .

Instrumentation available that is Seismic qualified & suitable for use in up to SIL 3 rated Safety Loop applications.



**AMELEC**  
SIGNAL CONDITIONING

**UVDB Verify**  
empowered by Achilles

Phone: 01908-567003 | Visit: www.amelec-uk.com  
 Email: sales@amelec-uk.com






Petrochemicals & most other general process industry sectors.

With a thirty five year Experience & Quality track record in the Nuclear & Power Generation sectors, AMELEC can supply fully Seismic qualified instrumentation suitable for use as elements in SIL 1, SIL 2 or SIL3 rated Safety Loop applications, and covered by up to a ten year warranty.

AMELEC's core principles of outstanding quality and service led it to successfully manufacturing and supplying to the last UK Nuclear New Build project, the Sizewell B Power Station. AMELEC delivered in the region of 3,000 modules for use within the various monitoring, control and safety systems across the plant, including; Nuclear Island Equipment & Systems, Reactor Monitoring & Control Systems, Steam Turbine & Generator Equipment Systems, Fuel Route Systems, Waste Handling Systems and General Balance of Plant Control Systems.

AMELEC are proud to still be providing regular support to plant operations and maintenance engineers throughout the UK Nuclear fleet of Power Stations, as well as to Sellafield, Urenco, Springfields Fuels & the other associated nuclear sector companies generally.

They have in the region of five hundred different approved instrument spec's listed within the EDF Energy Catalogue I.D system, all still fully supported & proven in use across the existing fleet of UK Power Plants.

Having supplied to Sellafield for over thirty years, AMELEC have numerous Signal Conditioning products embedded in associated Process Monitoring and Control & Safety Systems for the various waste & effluent treatment facilities across site, including: Thorp & Magnox East River reprocessing plants, the AGR Waste Store, SIXEP & Fuel Handling Plants, Legacy Ponds & Silos, Encapsulation Plants, Waste Retrieval & Vitrification Plants.

AMELEC can also assist clients when they are faced with Instrument Obsolescence challenges on plant! Still supporting its own products originally supplied up to thirty years ago means that they can easily offer its customers a complete new System Upgrade/ Replacement/ Life Extension without any additional costly mechanical or wiring modifications or maintenance staff re-training, etc.

The company have also successfully introduced std replacement retrofit products to assist where a client's existing aged instrument systems were not even originally supplied by AMELEC. An example of this is their latest development for Sellafield, this being the successful introduction of plug-in replacement Trip Amplifier & Transmitter cards for existing aged &/or Obsolete Rochester (RIS) rack systems.

AMELEC Products include:- Process Signal Converters, Signal Isolators, Signal Splitters, Inverters & Selectors, Current/ Voltage/ Pulse/ Frequency/ Temperature (RTD, T/C) / Resistance/ Strain Gauge Transmitters & Trip Amplifiers, combined function Trip Transmitters, AC I/V Transducers & Trips, Level/ Deviation/ Pump Control Trip Amps, Front Panel Meters & Indicators, Ammeters, Add/ Subtract/ Average/ Diff/ Deviation/ Divide/ Multiply Arithmetic units and Power Supplies.

## Andrews Sykes

Andrews Sykes, the UK's leading specialist hire company, continues to build its reputation working closely with Sellafield Limited on providing hire solutions across many areas of the power station.

During recent construction work Andrews Dehumidification, a specialist division within Andrews Sykes, were asked by site contractors to lower humidity levels to allow painting and construction to continue during the winter period and to keep the project deadlines on target. An Andrews specialist provided a solution of multiple 415v desiccant dehumidifiers which are able to operate at low ambient temperatures and are built to withstand site conditions. All equipment was delivered on time to the client from our local depot and humidity levels were reduced to allow work to continue successfully.

Andrews Dehumidification plays a crucial role within the power sector when planned or unplanned outages occur and critical components of power generation are susceptible to corrosion. Desiccant dehumidifiers are also used during preservation when stations are off line for longer periods.

During our recent harsh winter Andrews were once again called in by a contractor to provide 500kw of heat to protect sensitive controls and pipes from freezing and causing a slowdown in production. Andrews provided several site heaters around the plant with ducting delivering the required heat directly to the critical areas. Once again, Andrews vast experience and understanding of the client's problem allowed the solution to be speedily deployed and working before any damage to the controls and pipework had been done.

Steve Reeve, Sales Director of Andrews Sykes, says, "We have had, for many years, an excellent working relationship with Sellafield Limited and many other main and sub-contractors on site. Andrews Sykes continually strives to improve its products with new equipment being added to the fleet offering new solutions, improved efficiency and specific benefits to the end user. We look forward to further developing our relationship with Sellafield Limited in the years to come."

## Castle Green Hotel

Best Western Castle Green Hotel in Kendal is set in 14 acres of natural gardens and woodlands yet only five minutes from the M6 motorway and ten miles from Windermere and the Lake District.

The hotel has ninety nine bedrooms including four luxurious Executive suites, a 2 AA rosette restaurant, Alexanders, their own traditional Westmorland Pub in the grounds and Pulse Health & Fitness Club.

They have a dedicated Conference & Training Centre which has six meeting rooms seating from two to eighty delegates. As well as this facility they also have two larger function rooms that can accommodate 40 – 250 delegates, both with no pillars and their own reception foyers and their own private bars so perfect to turn into private dining for the evening.