



## British Nuclear Group awards Framework Agreement to ATG

**British Nuclear Group has signed a three-year Framework Agreement with ATG for the provision of instrument cubicle design & manufacture for their Sellafield facility.**

The process to award the framework agreements included rigorous evaluation of the competitive bidders to assess their ability to work in partnership with British Nuclear Group. ATG satisfied the criteria, demonstrating a proven track record in the nuclear industry as a reliable EC&I system designer with panel building expertise and the capability to offer innovative and value added solutions at Sellafield.

ATG provided a detailed tender illustrating a complete understanding of the customer's requirements. The Company demonstrated its commitment to the environment, quality assurance and safety, and identified the proposed technical approach to undertake the work.

Jack Bean, ATG Business Unit Manager said: "We have designed and built instrumentation cubicles for Sellafield for many years and are very proud to now be selected as the sole framework contractor for these systems. I believe the award is a testament to the commitment to safety, quality and customer service that we have demonstrated over the years."



**In introducing this latest edition of our quarterly newsletter, I am pleased to see strong performance in all areas of our business being reported.**

In our Nuclear division, we have been awarded a three-year framework contract for supplying instrument cubicles to British Nuclear Group at Sellafield, and we are close to entering the site commissioning phase for a complex control system that we designed and built in-house for a new waste encapsulation plant at UKAEA Harwell. In our Water division, we are now commencing work on a number of major AX4 projects and are working closely with our customers in providing innovative solutions. Elsewhere in the Company, it is encouraging to see major customers such as BP choose ATG to work with them in implementing new technology such as the radar level detectors for their oil storage tanks.

I am particularly proud to see the story about one of our site employees receiving a personal safety award from Lilly Speke Operations, one of our largest customers. This event fell within days of being notified that we had been awarded our second consecutive RoSPA President's Award. I would like to take this opportunity to thank all our employees for their relentless approach to pursuing high health and safety standards in all aspects of their work.

**Rob Rushton,**  
Managing Director

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# ATG champions PROFIBUS as AX4 water projects start to flow

**Following ATG's success on AMP3 water projects, the Company is now commencing work on the AX4 programme, following several major project awards for treatment works at Wayoh, Wigan, Sale, Piethorne, Cotebrook, St Helens and Coldwell.**

For most of these projects the United Utilities Integrated Alliance (UUIA) has adopted PROFIBUS as the site-wide communications network for field devices. In order to rationalise future AX4 projects, UUIA undertook a review of PROFIBUS installation techniques utilised to date for AX4 and determine the best technical and commercial installation practices for PROFIBUS projects.

ATG, a certified and experienced designer and installer of PROFIBUS systems, was invited to produce samples and offer practical installation solutions to UUIA. Several ATG

solutions have now been implemented, including the use of armoured cables and proprietary termination boxes, which have so far been put into practice on several major projects including Wayoh WTW, Denton / Hyde and Stockport WWTW.

Ian Speirs, ATG Business Unit Manager said: "ATG has proved to be at the forefront of PROFIBUS design and development in industry, and has a dedicated team of certified PROFIBUS designers and installers. We are pleased to offer our support and knowledge to the UUIA for the AX4 projects."

The United Utilities Integrated Alliance comprises United Utilities, Galliford Costain Atkins, KMI Plus, Balfour Beatty Utilities Ltd and Morgan Est.

# BP invests in radar technology

**ATG has completed the first phase upgrade of an oil monitoring system at BP, to provide accurate monitoring of levels in the oil storage tanks at its Ellesmere Port site in Cheshire.**

In order to minimise environmental risk, BP identified an opportunity to replace the existing system used to check the variable depth of oil in the storage tanks at the oil plant, and radar was acknowledged as the best option to control and monitor oil stocks and movement.

ATG implemented a fully integrated EC&I system to provide high level sensors and alarms to monitor the oil levels in the tanks, including design, manufacture, installation, test and commissioning on-site. The use of the non-invasive and accurate radar technology to monitor level control is a proven and reliable technology but this is the first time it has been used by BP on the Ellesmere Port site.

Ian Turner, Engineering Supervisor at BP said: "We are passionate about maintaining high safety standards, and we are always looking for opportunities to improve our systems further. ATG provided a cost effective solution using off the shelf components, which will in turn give BP greater flexibility in future upgrades of the system."



# New waste encapsulation plant for UKAEA Harwell

## ATG adds to safety awards

**ATG employee, Andrew Dodd, has been selected to receive a safety award by Lilly Speke Operations, one of the world's largest research based pharmaceutical companies.**

The award was in recognition of his excellent individual health & safety awareness on-site, in addition to his day-to-day activities as an electrician at Lilly Speke Operations.

ATG has operated the EC&I term and resident contract at the Lilly facility in Speke since 2002 and has received numerous company and individual awards in recognition of its excellent health & safety performance over this time.

The award coincides with ATG being awarded its second RoSPA President's Award for Occupational Health and Safety for its 2006 performance.

Keith Whitfield, ATG Business Unit Manager said: "ATG strives to promote a positive approach to safety within our staff, and it is a great compliment when this is recognised by our customers. We are very proud of all our employees who have worked to implement and continuously improve our safety standards. Andrew's safety award is a tribute to his hard work and dedication, and also that of the whole team."

**ATG has recently completed the design and manufacture of the electrical control system for a new waste encapsulation plant for UKAEA Harwell.**

Working closely with principal contractor NUKEM Limited and the client UKAEA, ATG developed the customer's requirements into a fully functional control system for the process plant, providing control panels, software and SCADA development, on-site installation and full commissioning.

ATG has completed over 1,200 hours of design work to develop the bespoke software required to run the plant, all controlled by a new PLC based system.

The complete control system will be fully commissioned at Harwell in the newly constructed B462 building, and will process two 500 litre stainless steel drums of intermediate low level waste each day.

ATG Project Manager, Brian Todd commented: "The contract succeeded through the co-operation and teamwork of many different disciplines within ATG, who worked together with NUKEM Limited to deliver a high quality product on time and within budget. The design and build stages of the project are now successfully completed, and we look forward to further developing our excellent working relationship with NUKEM Limited on-site during the installation and commissioning phase of the project in the coming months."



# ATG staff go the extra mile for charity this summer

**Frank Langton**, Health & Safety Manager, participated in a 15-mile coastal walk for the Sam Bencheikh Memorial Fund, a registered charity set up to promote sports based activities to people of all ages regardless of their ability or circumstances.

**David Moore**, Accounts Clerk, launched himself from a 160ft Bungee Jump at Trafford Water Sports, Sale, for Cancer Research UK and Hope Hospital Renal Unit.

Project Engineers **Graeme Scott**, **Ian Finch** & **John Jinks** took part in a 46-mile cycle event from Salford Keys Manchester to Calderstones Park Liverpool, for Bowel Cancer UK.

**Rachel Woods**, Marketing Manager, joined in the Race for Life at Tatton Hall, Knutsford for Cancer Research UK.

We would like to congratulate and commend all ATG employees who go the extra mile for charitable causes and fully support their dedication and hard work.



## Electrical switchgear modification and shutdown at National Blood

**ATG has recently completed an electrical shutdown at National Blood Service in Liverpool, in order to carry out modifications to the main switchgear and generator supply cables, and provide chiller plant load shedding equipment, cable works and temporary generating plant. The project was completed in conjunction with ABB, the main switchboard manufacturer, and Broadcrown, the generator supplier.**

All work was carried out within validation limits set by the Medicines and Healthcare products Regulatory Agency (MHRA), the government agency which is responsible for ensuring that medicines and medical devices work, and are acceptably safe.

The project was completed within exceptionally tight timescales, as there could only be a maximum 59 minute period without any power to the building at any one time to ensure that the MHRA limits are adhered to.

Peter Holland, Area Facilities Manager at National Blood Service said:

"The project was implemented in a business critical operational building at NBS, so we required an experienced electrical company with the necessary capability and support structure to carry out this essential work with minimum risk, while satisfying the requirements of the MHRA. Effective co-operation between the contractors allowed them to successfully complete the project despite the severe restrictions imposed upon them."

The National Blood Service is a part of NHS Blood and Transplant (NHSBT), a Special Health Authority within the NHS responsible for managing the National Blood Service, Bio Products Laboratory, and UK Transplant.

## We are moving!

**We are pleased to announce that ATG's headquarters are to be relocated to new, larger premises from October 2007.**

Located in Haydock, Merseyside, around 4 miles from the existing headquarters in Lowton, the new premises offer substantially larger office and workshop accommodation to facilitate ongoing growth.

We will bring you further details in the next edition of the newsletter.

ATG is a leading total solutions provider of automation and control systems and on-site engineering, installation and commissioning services, to a broad client base of blue chip customers within both industrial and commercial market sectors, across the United Kingdom and overseas. Based in Warrington, ATG is an independent UK company, with circa 350 employees.

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