

DAHER NUCLEAR EXHIBITS AT PATEX on Thursday 7th and Friday 8th April 2011

PATEX – Practical Application of Technology & Exhibition

Nu-Tech Associates and the Nuclear Institute are staging a unique event in the new NES North-West Facility in Beckermest, Cumbria.

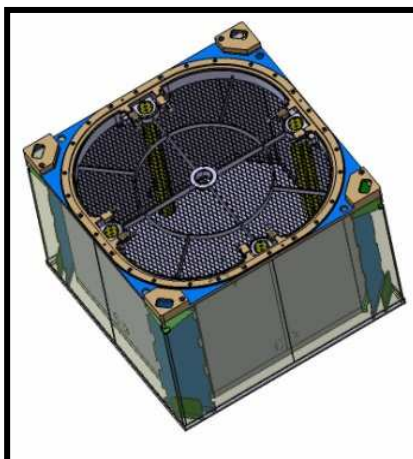
The event is called “PATEX” ‘The Practical Application of Technology Exhibition’. It is designed to promote awareness and understanding of technology used in the nuclear decommissioning industry.

At the event there will also be the opportunity to hear key - note speakers from industry and community. These will include Jamie Reed MP for Copeland, John Clarke, NDA Executive Director for Business Planning, Neil Baldwin, Managing Director, Magnox, and Dr Peter Walkden Commercial Director for Magnox.

An exciting range of practical demonstrations of technology is planned, along with a broad variety of exhibition stands and static displays. This is a great opportunity to see some interesting equipment and technology in action.

DAHER to display the Sellafield ILW 3m³ prototype

In 2007, DAHER were commissioned by Sellafield to undertake the design and qualification of containers for the storage of Intermediate Level Waste. This included the design, analysis, procurement, prototype manufacture, testing, inspection and manufacture of a quantity of 3m³ product containers. The specification had very demanding requirements, including remaining corrosion-free for the whole of their 500-year working life.



- Material: Duplex Stainless Steel 2205
- Dimensions: 1667 mm x 1667 mm x 1272 mm (wall thickness: 6 mm)
- Weight (when empty): 1.2 tons (single skin) – 1.5 tons (double skin)
- Weight (when full): circa 10-12 tons
- Internal space volume: 2.83 m³
- Stacking height: 9 high
- Lifetime: 500 years

Other demonstrators and equipment currently include:

- ROVtech – Remote Operated Vehicle in action under water
 - HARSCO – Novel lifting platforms
 - Virtualis – 3D virtual reality from 3D CAD models
 - Kuka – 6 axis robot
 - Corecut
 - DEMtech
 - BD Nuclear
- } – diamond wire cutting/drilling etc
- Thin Film Technologies - with 2 divers from the US to demonstrate the application of their pond wall coating underwater (this company is working on the B30 crack issue)
 - Energy Solutions – Waste handling and treatment equipment
 - Wallischmiller
 - NNL
 - UniTech – safety equipment decontamination rig
 - Metalock – mobile machining
 - Faro – 3D scantech (measuring systems – arms, lasers)
 - AMEC – land based remote operated vehicles
 - Nuvia – Moducom - Modular Containment, Groundhog Particle Detection, Rotating Filter Sludge Pump

The PATEX event is open to all interested parties and is free of charge to attend.

If you would like any more details, please contact Jason PODMORE, DAHER Nuclear Commercial & Technical Manager – E-mail: j.podmore@daher.co.uk – Phone: +44(0)1332 274373