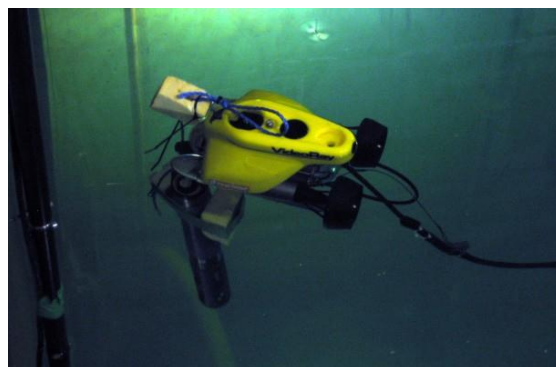


VideoRay Remotely Operated Vehicle (ROV) Retrieves Sampling Results from Fuel Storage Pond at Sellafield Ltd

Thursday June 19th 2014

James Fisher Nuclear Ltd (JFN) supported with trials and experienced operators.

To see the press release from VideoRay read below or link to their website [here](#).



A [VideoRay Pro 4 ROV](#) was deployed at Sellafield to retrieve live sampling results from the bottom of the First Generation Magnox Storage Pond (FGMSP), a legacy fuel storage pond that contains radioactive material and nuclear waste. Trials of the system prior to deployment in the pond were undertaken by James Fisher Nuclear in one of their dive test tank ponds and the JFN operators, who are highly trained and experienced in operating the Pro 4 ROVs also collected the samples from the pond. The Pro 4 was equipped with a probe that can sample up to seven different variables at a time. The ROV was also used to monitor pond visibility, a significant factor in improving understanding of the pond conditions. Samples and data collected by the VideoRay Pro 4 are being examined as part of decommissioning Sellafield Ltd's UK nuclear site.

JFN chose the Pro 4 to conduct the sampling and monitoring due to a unique set of challenges posed by the deployment site that were ideally suited to the VideoRay ROV's capabilities. The VideoRay Pro 4 provides a live stream of information and imagery straight to the topside control panel, allowing the decommissioning team to monitor the operation in real-time.

The Pro 4 ROV used for sampling in the FGMSP is just one in JFN's large – and growing – fleet of VideoRay ROVs. Simon Pyne, JFN's business development manager, said

“JFN have built up a large fleet of Videoray Pro 4 ROV Systems over the last 5 years due to their reliability and size. This has allowed the majority of the ponds to be surveyed. The other factor why the Video Pro 4 has become both our and Sellafields preferred ROV system is due to the resistance of the electronic components to the high radiation field they operate in. I foresee these little but powerful ROV's being around for many years providing a solid service to the industry”

PRESS RELEASE



JFN has employed VideoRay ROVs for over six years in plant decommissioning. "With this new tool, difficult to reach places can be monitored to better understand the impact operations might have on our effluent," said project leader Xavier Poteau. "A lot more can be done combining commercially available equipment that are not usually tagged as nuclear-ready."



PRESS RELEASE



Notes to editors:

James Fisher Nuclear is an established supplier of specialist engineering, manufacturing and technical services for applications within challenging environments or with high integrity requirements.

For more information see www.jfnl.co.uk

Business contact: Jess Ackroyd, Marketing Assistant

James Fisher Nuclear Limited, Golden Hill Centre, School Lane, Leyland, PR25 2TU

Tel: 01905 459790 Mob: 07831 5981586 Email: jess.ackroyd@jfnl.co.uk