



The Greenheys Centre  
Manchester Science Park  
Pencroft Way  
Manchester M15 6JJ UK  
Tel +44(0)161 227 8843  
Fax +44(0)161 232 5566

A Subsidiary of James Fisher and Sons  
Public Limited Company

July 2007

## **JFIMS delivers TwoStep Exit monitors to Wylfa Power Station**

Wylfa power station have recently purchased four Rados TwoStep Exit monitors from JFIMS. The TwoStep Exit monitor is the latest in a long line of innovative monitors from Rados designed to check for alpha and beta contamination on personnel leaving the controlled areas of the power station. The TwoStep Exit uses the patented and durable Betafibre detectors which operate without a continuous gas flow, improving system reliability and reducing operational and maintenance costs.

Despite the complexities of the installation work and the necessity of completing all works in time for a planned reactor outage, JFIMS completed the installation and commissioning project to time and cost. The delivery plan included working in silent hours over the weekend to minimise disruption to power station operations.

The Wylfa Customer said:

*“This was a major Radiological Protection Contract for Wylfa involving the replacement of all four ageing Herfurth 13860TS at our Reactor Building exit. All available products from RADOS and competitors were considered, the Rados Two Step (TS) was chosen because:*

- i) We already have experience of the performance, reliability & robustness of Rados Betaplast Technology in the form of an RMT860BP and an RTM110.*
- ii) The betaplast fibre technology in the newer TS made this exit monitor an economically viable alternative to gas flow, proportional counting, exit monitors.*
- iii) We liked the 500cm<sup>2</sup> identical detectors, designed for ease of repair or replacement and therefore a fast return to service following breakdowns; and also built into the TS to minimise dead space in between or within detectors.*



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VAT Number GB154552370



**The Two-Step Exit monitors installed at Wylfa Power Station**

*As this was a late order with JFIMS, the Two Steps were delivered two weeks before our outage, and therefore had to be installed, tested and commissioned in a single weekend. JFIMS in co-operation with Wylfa Project Delivery Organisation successfully and safely achieved this, handing over the TS for operational use ahead of schedule. There were no delays to the Wylfa Outage programme.”*

Wylfa Customer - Mr Ioan Owen RPA

For further information, please contact

Alan Lewis  
Sales Director  
James Fisher Inspection and Measurement Services Ltd  
The Greenheys Centre,





Manchester Science Park,  
Pencroft Way,  
Manchester,  
M15 6JJ,  
United Kingdom

Tel: 0161 227 8843  
Fax: 0161 232 5566  
[contact@jfims.co.uk](mailto:contact@jfims.co.uk)  
[www.jfims.co.uk](http://www.jfims.co.uk)

James Fisher Inspection and Measurement Services (JFIMS), a subsidiary of James Fisher and Sons, provides inspection and measurement capabilities for the nuclear, defence, homeland security, aerospace, offshore and other industries. In partnership with international market leaders the company offers a range of products and services addressing radiation measurement, radiological protection, non destructive testing and non destructive examination requirements.



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