

Applying innovation to decommissioning and remediation on nuclear sites



18 November 2009, Chorley

hosted by



CPD

This course has a value of **4** hours towards your CPD



Venue

NSG Environmental Ltd,
Scientia House
Western Avenue
Matrix Park
Chorley,
Lancashire PR7 7NB

Course fees

SAFESPUR members

Free

Non-members

£185.00 +VAT (£212.75)

Driving good practice in association with



www.safespur.org

How to book

Register and book online at www.ciria.org

Complete and fax to CIRIA on: +44(0)20 7253 0523

or post to

CIRIA
Classic House
174-180 Old Street
London EC1V 9BP

Background

The UK's nuclear industry is benefiting from applied technologies for the treatment and management of legacy waste, storage, disposal as well as interlinked decommissioning activities and site remediation. The challenges that lie ahead are significant and may need to be resolved through the application of innovative solutions that can be drawn from a number of industries and technology disciplines. It is important to consider building synergistic relationships with other sectors thus allowing the dissemination of technologies and sharing of best practice.

This event firstly provides an overview of the Nuclear Decommissioning Authority's research and development activities on waste and decommissioning. There will then be an opportunity to hear examples of the application of innovative and/or transferable technology to the nuclear industry in support of decommissioning, waste management and remediation. You will also be able to listen to a winner based on BBC Two's Dragon's Den style competition about a simple but effective "ice-pigging" technique that has been already recognised by the water industry which is now gaining interest in the nuclear industry.

The event will also feature a site tour of the new testing facilities at NSG Environmental, including the nuclear waste management development facilities.

Additional information

**Please indicate on the booking form on the reverse of this page which PPE equipment you will be able to bring on the site tour, should you be attending.*

Programme

- | | |
|---|---|
| 10.00 Registration and refreshments | 12.30 Geomelt vitrification: Life cycle benefits for the treatment of toxic and radioactive wastes Greg Broda/Robert Henderson, Impact Services, Inc |
| 10.15 Chairman's introduction | |
| 10.30 R&D across the NDA for waste and decommissioning Darrell Morris, NDA | 12.45 Applying "ice pigging" to the nuclear industry Joe Quarini, Bristol University |
| 11.00 Innovation on Sellafield site in decommissioning and waste management Mike James, Sellafield Ltd | 13.05 Lunch and networking |
| 11.20 New techniques and technologies in support of decommissioning and legacy waste management – DIAMOND perspective Katherine Morris, University of Leeds | 13.50 Chairman's summary |
| 11.40 Refreshments and networking | 14.00 NSG Environmental Site Tour*, including: <ul style="list-style-type: none"><input type="checkbox"/> Techniques for retrieving sludge from Sellafield ponds<input type="checkbox"/> Developing a process for treating the waste from Sellafield's silos<input type="checkbox"/> The toolbox for wet waste retrieval<input type="checkbox"/> Techniques for long term stabilisation of wastes |
| 12.00 What are the options for sustainable remediation technology selection? Richard Clayton, WSP Remediation Ltd | 15.30 Close |
| 12.15 Remediation technology demonstrators Divyesh Trivedi, National Nuclear Laboratory | |

CIRIA recommends this workshop for 4 hours towards CPD requirements with the ICE, CIOB, RIBA & RICS, CIBSE, IstructE

Booking form **Applying innovation to decommissioning and remediation on nuclear sites**

18 November 2009, Chorley (E9404)

Email _____

Title _____ First name _____ Surname _____

Job title _____

Company name _____

Address _____

_____ Post code _____

Tel _____ Fax _____

Company's main activity _____

Please tick one of the following I will be attending the site tour and will bring:
 Hard hat High visibility jacket
 Steel toes capped walking boots

Payment and information details: **FREE (I am a SAFESPUR member)** I cannot attend the site tour

Non member £185 +VAT (£27.75) **Total: £212.75**

Please debit my card Amex Visa Mastercard

Card no

Expiry date Security code _____
The last 3 digits (Amex 4) of the number printed on the signature strip

Name of cardholder _____

Address of cardholder (if different from company address) _____

Signed _____ Date _____

About CIRIA

CIRIA is a member-based, not-for-profit organisation which has, over the past 13 years, published extensively on contaminated land issues.

About SAFESPUR

This CIRIA forum provides:

- a forum to discuss and better understand technical and regulatory aspects on nuclear decommissioning projects
- up-to-date information from the NDA, government and regulators
- briefings on SAFEGROUNDS and SD:SPUR learning networks
- excellent business networking opportunities with the UK nuclear and defence supply chain, industry practitioners and client organisations
- continuing professional development for you and your staff.

Further information

For further information on CIRIA membership, outputs and programmes, please contact the events team at:

Tel: 020 7549 3300

Fax: 020 7253 0523

Email: enquiries@ciria.org

Web: www.ciria.org

Additional delegate(s): Please photocopy this form for each additional delegate.

Please complete this form and fax it to our Events team on +44 (0)20 7253 0523
or mail it to CIRIA, Classic House, 174-180 Old Street, London EC1V 9BP
or register online: www.ciria.org

Terms and Conditions

Please visit: www.ciria.org for details of our terms and conditions which will apply.

Personal data is gathered in accordance with the Data Protection Act 1998. CIRIA will only contact you about products and services relevant to you and your organisation.

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