

Radiological protection in the water industry

4th July 2013– Zeta Room, Culham Conference Centre, UKAEA Culham Science Centre, Nr. Abingdon, Oxfordshire, OX14 3DB Tel 01235 466494 www.culhamconferencecentre.co.uk

Radiological Incidentals and SWIG, with the support of Nuclear Matters, the RSC WSF & SCI, are pleased to host this Workshop on Radiological Protection in the Water Industry. The radiological quality of potable waters, the behaviour of radionuclides in water and sewage treatment works, and the radiological protection of works' personnel are not well understood in the water industry. Presentations from experts will provide an introduction to these issues, monitoring options and the actions managers should take when faced with emergency situations. All of these issues and more will be discussed making this a *must attend* workshop for all with an interest in gaining a better understanding of radiological protection in the water industry.

The workshop will be followed by a free tour of the JET facility at Culham. Spaces for the tour are limited and will be strictly assigned on a first come first served basis. So please register early to avoid disappointment!

Chair: Stuart Newstead, Newstead Consulting Ltd.

09.15 **Tea, Coffee & registration**

10.00 **Introduction**

Chairman, Stuart Newstead, NCL

10.10 **Current and future requirements for monitoring of radioactive substances in drinking water**

Claire Pollard, Deputy Chief Inspector (Science & Strategy), Drinking Water Inspectorate

10.40 **Guidance for the Water Industry following a radiological incident: contamination & health risks**

Joanne Brown, Environmental Assessments Department, CRCE Chilton, HPA

11.10 **Tea & Coffee**

11.30 **UK laboratories mutual aid scheme & rapid screening**

Tim Brooks, Senior Radiochemist, Chair Radioactivity Sub-group Water Laboratory Mutual Aid Group, South West Water Laboratories

12.00 **Proficiency testing**

Matthew Whetton, Head of Chemistry, PT Group, LG Standards

12.30 **Call for experts - New UK standards committee for radioactivity in water**

Tom Digby-Rogers, Programme Manager Sustainability, British Standards Institute

12.40 **Discussion & Lunch**

13.20 **Radiological monitoring of water supplies in Japan**

Alex Mason, Liverpool John Moores University

13.50 **Radiological monitoring of sewage in water purification plants in Belgium**

Benoit Deconninck, Belgium Institute for Radioelements (IRE)

14.20 **Discussion & close**

14.30 **Tour of JET**

RI REGISTRATION: The cost of attending this workshop is £95+VAT (£114 gross). A limited number of table top displays are available at £162+VAT (£195 gross) inclusive of one delegate. Registrations may be made by Email to info@radiologicalincidentals.org.uk or Tel. 015242 71461, or by using the on-line booking form [here](#). Payment may be made by cheque, bank transfer or card. Please advise of any special dietary requirements when booking. Cancellation policy: refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.