



Radiological protection in the water industry

20th September 2007 – Zeta Room, Culham Conference Centre, UKAEA Culham Science Centre, Nr. Abingdon, Oxfordshire OX14 3DB Tel 01235 466494 www.culhamconferencecentre.co.uk

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. This SRP supported SWIG Workshop will cover both radiological emergencies and routine discharges. Presentations from experts will provide a broad introduction to radiological protection issues, monitoring options and the actions managers should take when faced with both emergency and routine situations All of these issues and more will be discussed making this a *must attend* workshop for all with an interest in the gaining a better understanding of radiological protection in the water industry.

Chair: John Gray, ex-Deputy Chief Inspector (Operations), Drinking Water Inspectorate

- 10.00 Coffee & registration
- 10.30 Introduction
John Gray ex DWI
- 10.40 Countering waterborne threats
Malcolm Wakerley, Defra
- 11.10 Water UK civil emergencies involving radioactive substances
Paul Fenton, Southern Water plc, Chair: Water UK CBRN Group
- 11.40 Coffee
- 12.00 Rapid Alpha & beta screening; a water industry approach
Phillipa Frewin, South West Water plc
- 12.30 Recent advances in radiation measurement technologies
Robin Fox, Canberra UK Ltd.
- 13.00 Discussion & Lunch
- 14.00 Radionuclides in drinking water plants
Bernie Wilkins, HPA
- 14.30 Flux & fate of radioactivity discharged to sewers
Adrian Punt, Enviros Consulting Ltd.
- 15.00 Radiological implications of routine discharges to sewer
Phil Kruse, Enviros Consulting Ltd.
- 15.30 Discussion & close

Workshop registration may be made by email to info@swig.org.uk, or by using the on-line booking form at www.swig.org.uk, or by tel/fax to 015242 71461. The cost of attending the Workshop is £67.50 inc VAT for members of **SWIG** and £125 inc VAT for non-members. Literature may be distributed for a fee of £50 and a limited number of table top displays are available at £100 each. Payment may be made by credit/debit card, BACS or cheque. Cheques should be made payable to SWIG and sent to: SWIG, St. Michael's House, Whittington, Carnforth. LA6 2NX