Royal Society of Chemistry / Tritium Users Group

Tritium – Handling, measurement and disposal

23rd October 2008
National Oceanography Centre, Southampton

Programme

09:30 – 10:00  Registration & coffee
10:00 – 10:05  Welcome
10:05 – 10:15  A brief history of the TUG
   Bryan Garney, Tritium Technology Group, AWE
10:15 – 10:25  A brief history of the Radiochemistry Group, RSC
   David Wilkinson, Chairman, RCG
10:25 – 10:55  Decommissioning strategy and associated perceived issues relating to the removal, storage and disposal of tritium containing AM cartridges from the British Production Piles 1 and 2
   Kris Derewnicki (Lead Safety Case Author, Scott Wilson Group), Sellafield Ltd
10:55 – 11:20  Coffee
11:20 – 11:50  Problems with in situ measurement of tritium
   P Burgess (Nuvia Ltd)
11:50 – 12:20  Assaying & storage of tritiated components
   C Gibbons (ESR Technology)
12:20 – 12:50  Characterisation of tritium in decommissioning wastes
   I Croudace & D Kim (GAU-Radioanalytical)
12:50 – 13:30  Lunch
13:30 – 14:00  Oxidation of Depleted Uranium Storage Beds
   Michael Mills, Tritium Technology Group, AWE
14:00 – 14:30  Tritium Production at Chapelcross (1979-2005) and the Waste Legacy
   A Stewart and G Wotherspoon, Magnox North
14:30 – 15:00  Designer labels. Tritium as a tool for drugs discovery
   Mike Hickey, AstraZeneca
15:00 – 15:20  Coffee / tea
15:20 – 15:50  Analysis of tritium in urine.
   Jenny Morris and Caroline Balem Analytical Sciences, AWE
15:50  Close