

# Welcome to ARMUG 2008

National Physical Laboratory  
13<sup>th</sup> November 2008

# Domestic issues

- **Fire assembly point – Sports field (opposite front of building)**
- **Toilets - across hallway**
- **Refreshments – in hallway**

# Introductions

# Agenda (morning)

- 10:30** Welcome, introductions, agenda, previous minutes and actions
- 10:55** **John Keeton, Dounreay Site Restoration Ltd**  
*DSRL engineering review of stack sampling*
- 11:20** **David Williams, Magnox Electric Ltd.**  
*Airborne activity sampling and monitoring at Hinkley Point A*
- 11:50** **Jeff Rivers, Laboratory Impex Systems Ltd**  
*Latest news on ISO 2889*
- 12:20** Lunch

# Agenda (afternoon)

- 13:20** **David Ryden, Canberra**  
*A review of alpha energy adsorption in filters and its potential to degrade air monitoring accuracy*
- 13:50** Discussion session: *Issues with radon compensation*
- 14:10** **Julian Dean, NPL**  
*A new NPL project to report on needs for standard radioactive aerosols*
- 14:20** **Alan DuSautoy, NPL**  
*NMS AIR programme strategy and formulation*
- 14:50** Any Other Business and date of next meeting
- 15:15** Close (tea/coffee available)

# Minutes and actions from 2007 meeting (1)

**Any corrections to the minutes?**

**A7.1: Secretary to arrange meeting of working group to produce guidance on adsorption factors and to ensure that guidance is published on the ARMUG webpage**

**A7.2: Members are invited to complete the ARMUG questionnaire which is available on the ARMUG webpage and to return to the secretary**

**A7.3: Members wishing to discuss uncertainties, or any other topic at a future meeting should contact the secretary**

# Members' suggested topics

- **Positioning of activity-in-air monitors**
- **Radon compensation methods**
- **Estimation of sample line losses**
- **Health effects of sub-micron particles**
- **Radon – physical properties, sampling techniques, measurement and remediation**
- **Estimation of radon discharges from radium waste**
- **Effect of radon on operation of tritium-in-air monitors**
- **Spectral differences between filters papers and test sources**

## **Minutes and actions from 2007 meeting (2)**

**A7.4: Members to send the secretary any comments on the draft list of Frequently Asked Questions on the ARMUG webpage by 28<sup>th</sup> February 2008 and secretary to finalise the list by 31<sup>st</sup> March 2008**

**A7.5: Members with available supplies of low-activity air filters possibly suitable for a comparison to contact the secretary**

**A7.6: NPL to decide whether to include a Measurement Good Practice Guide on Workplace Air Monitoring in its current NMS programme and to begin work accordingly**

# Presentations

**John Keeton**

***DSRL engineering review of stack sampling***

**David Williams**

***Airborne activity sampling and monitoring at Hinkley Point A***

**Jeff Rivers**

***Latest news on ISO 2889***

**David Ryden**

***A review of alpha energy adsorption in filters and its potential to degrade air monitoring accuracy***

**Eliot Williams**

***Issues with radon compensation***

**Julian Dean**

***Issues with radon compensation***

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***A new NPL project to report on needs for standard radioactive aerosols***

**Alan DuSautoy**

***NMS AIR programme strategy and formulation***