

**Ionising Radiation Metrology Forum Specialist Workshop
The Selection of Alarm Levels for Personnel Exit Monitors
16 February 2010**

A Nuclear Industry Code of Practice for Changerooms (NICOP Changerooms) was issued in July 2006 by the Nuclear Industry Directors Forum. There was awareness at the time that it gave only a light touch on the selection of alarm levels. The Industry Radiological Protection Co-ordination Group therefore set up a working group to produce a good practice guide on "The Selection of Alarm Levels for Personnel Exit Monitors." The interim document is now open to consultation and is available to download from the [IRMF website](#).

The interim document provides mechanisms for justification of alarm levels, taking into account specific radionuclide signatures (fingerprints) and their harm, and the capabilities of personnel exit monitoring equipment. By applying ALARP in the optimising of selection of alarm levels, robust justification can be established for chosen levels. The document is aimed primarily at RPAs and QPs, as defined under IRR99.

The workshop will present the document and its rationale, as well as allow hands-on use in respect of different fingerprints via breakout sessions. There will be opportunity for comment and debate. The draft agenda and registration form for the meeting are available here. If you wish to attend, please return your completed registration form by 12 February 2010.

Feedback on the guide should, in the first instance, be addressed to Mike Renouf at Sellafield Ltd via mike.c.renouf@sellafieldsites.com. Issue 1 of the document will be published downstream of the workshop and after collation of any feedback once sites have determined any implementation issues. Ultimately this document may be issued alongside NICOP Changerooms, as well as supplementing NPL's Measurement Good Practice Guide No 29 (The Examination, Testing and Calibration of Installed Radiation Protection Instruments), which, in turn, supplements guidance under IRR99. It therefore has the potential to be adopted as a NPL Good Practice Guide.

Please email Lynsey Keightley with any enquiries regarding the workshop: lynsey.keightley@npl.co.uk.