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Comparison of Radionuclide Laboratory Results with IMS Radionuclide Station Results

The International Monitoring System (IMS) is a global network that when complete will consist of 16 laboratories and 321 monitoring stations providing real-time data delivering insights to the nuclear explosion monitoring community. A thorough comparison of results produced by these monitoring systems and labs has been conducted utilising data from multiple years of Radionuclide Laboratory Reports (RLRs) and Reviewed Radionuclide Report (RRRs) with the aim of providing evaluation into the comparative accuracy and sensitivity of both types of facilities.

E-mail

annie.rae@awe.co.uk

Primary author: RAE, Annie (Atomic Weapons Establishment (AWE) Aldermaston)

Co-authors: Mr CHESTER, Daniel (Atomic Weapons Establishment (AWE) Aldermaston); Dr GOODWIN, Matthew (Atomic Weapons Establishment (AWE) Aldermaston)

Presenter: RAE, Annie (Atomic Weapons Establishment (AWE) Aldermaston)

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