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T2.1-P02. An Analysis of Radionuclide Laboratory Operations in Future Integrated Field Exercises

One major goal of an integrated field exercise (IFE) is to learn technical lessons from the experiences of the participants. The authors of this abstract had the opportunity to spend a number of hours in the Base of Operations (BOO) radionuclide laboratory during Integrated Field Exercise 2014 (IFE14). During this experience, many lessons were learned that will be shared in this poster. While there were many aspects of the laboratory operations that went well, the authors will identify aspects that could be improved. Ultimately, the IFE experience offered an opportunity to reevaluate how laboratory operations should look in future exercises and during an on-site inspection (OSI) itself. This poster will present the analysis of how a future laboratory could operate based on these experiences at IFE14. This includes procedures and equipment needed for the successful operation of a radionuclide laboratory for OSI as well as the type of training needed for the inspectors.

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