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Type: **Poster**

Quality assurance for the OSI Field Radionuclide Laboratory

The sole purpose of an on-site inspection is to clarify whether a nuclear weapon test explosion has been carried out in violation of the CTBT. In order to ensure that credible results are delivered from the in-field analysis of the environmental samples collected during an inspection, the OSI Division are developing the underlying processes, identifying key performance indicators, and documenting the equipment and resource preparation steps of the Field Radionuclide Laboratory, in close coordination with other Divisions. This poster reviews the challenges faced, describes the status of progresses made in the development of the Field radionuclide Laboratory, and documents the objectives for the training of surrogate inspectors and readiness for the 2020 Buildup Exercises.

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Track Classification: Theme 3. Verification Technologies and Technique Application