

## System to Interrogate Cargo for Concealed Special Nuclear Materials

### **Disclosure Number**

200802147

### **Technology Summary**

Maintaining the flow of commerce and transportation through ports of entry (POE) and other checkpoints requires quick resolution of nuclear alarms without de-vanning the container or vehicle. A one-size-fits-all system that interrogates with only a single species is simply not capable of reliably discerning actual threats within widely variable situations encountered during real world inspections. On the other hand, our proposed solution is ideally suited to handle the dynamics of a diverse set of inspection needs. All components are integrated into a standard-size panel van and trailer for storage, transport and deployment. The proposed system provides a transformational capability for inspection systems that will radically enhance the ability to rapidly identify clear nuclear alarms.

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